	DrawingOnAir **Tool order: 4**	**TiltBrush** **Tool order: 2**	**CavePainting** **Tool order: 3**	**GravitySketch** **Tool order: 0**	**AdaptiBrush** **Tool order: 1**
P1	**Practice time: 4.58 min** **Ease of Learning: 2**	**Practice time: 3.39 min** **Ease of Learning: 4**	**Practice time: 3.27 min** **Ease of Learning: 5**	**Practice time: 3.3 min** **Ease of Learning: 5**	**Practice time: 3.04 min** **Ease of Learning: 5**
Cylindrical surface	Ease of Use: 2 Output Quality: 1 Effectiveness: 1 Time: 0.33 min	Ease of Use: 1 Output Quality: 2 Effectiveness: 1 Time: 1.47 min	Ease of Use: 5 Output Quality: 3 Effectiveness: 4 Time: 0.39 min	Ease of Use: 4 Output Quality: 5 Effectiveness: 3 Time: 1.06 min	Ease of Use: 4 Output Quality: 4 Effectiveness: 3 Time: 0.61 min
Hemisphere	Ease of Use: 2 Output Quality: 1 Effectiveness: 1 Time: 0.73 min	Ease of Use: 4 Output Quality: 4 Effectiveness: 4 Time: 0.87 min	Ease of Use: 5 Output Quality: 2 Effectiveness: 4 Time: 0.68 min	Ease of Use: 3 Output Quality: 5 Effectiveness: 3 Time: 3.58 min	Ease of Use: 4 Output Quality: 3 Effectiveness: 4 Time: 1.53 min
Circular disk	Ease of Use: 2 Output Quality: 1 Effectiveness: 1 Time: 0.31 min	Ease of Use: 5 Output Quality: 5 Effectiveness: 5 Time: 0.43 min	Ease of Use: 4 Output Quality: 2 Effectiveness: 3 Time: 0.42 min	Ease of Use: 3 Output Quality: 4 Effectiveness: 3 Time: 3.16 min	Ease of Use: 4 Output Quality: 3 Effectiveness: 4 Time: 1.02 min

DrawingOnAir
Tool order: 0

TiltBrush
Tool order: 3

CavePainting
Tool order: 4

GravitySketch
Tool order: 1

AdaptiBrush
Tool order: 2

Practice time: 4.29 min

Practice time: 3.11 min

Practice time: 3.02 min
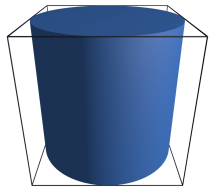
Practice time: 31.38 min

Practice time: 3.05 min

P2
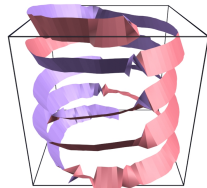
Ease of Learning: 2

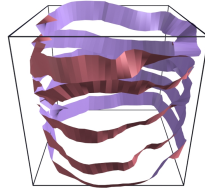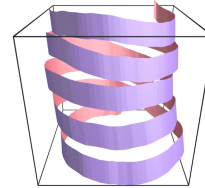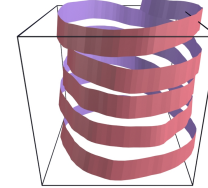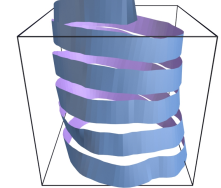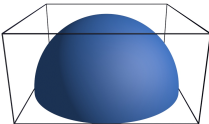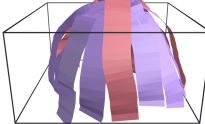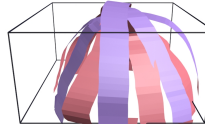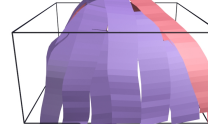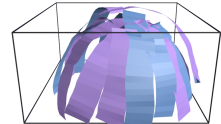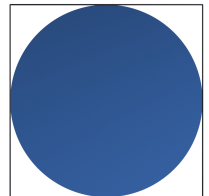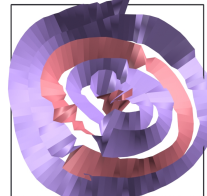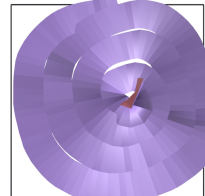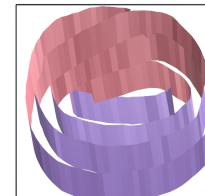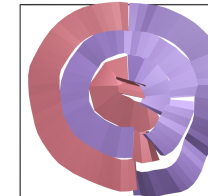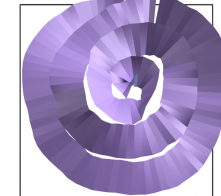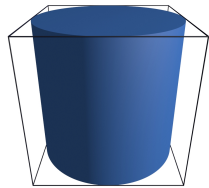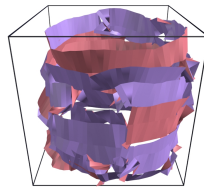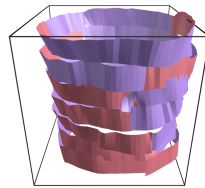Ease of Learning: 4

Ease of Learning: 4
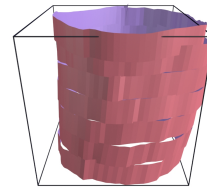
Ease of Learning: 4

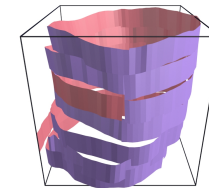Ease of Learning: 4

Cylindrical surface

Ease of Use: 2
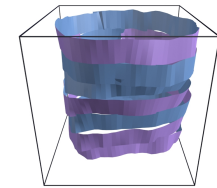Output Quality: 1
Effectiveness: 2
Time: 2.75 min

Ease of Use: 4
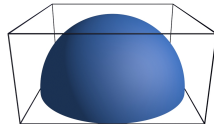Output Quality: 2
Effectiveness: 4
Time: 2.42 min

Ease of Use: 4
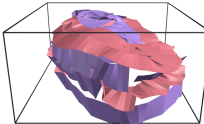Output Quality: 5
Effectiveness: 5
Time: 1.99 min

Ease of Use: 3
Output Quality: 3
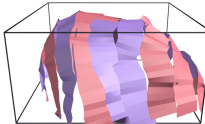Effectiveness: 3
Time: 3.43 min

Ease of Use: 4
Output Quality: 4
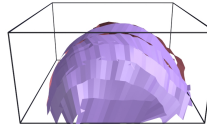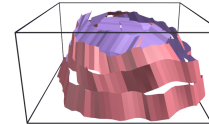Effectiveness: 4
Time: 2.03 min

Hemisphere

Ease of Use: 2
Output Quality: 2
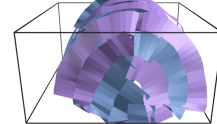Effectiveness: 2
Time: 6.76 min

Ease of Use: 3
Output Quality: 3
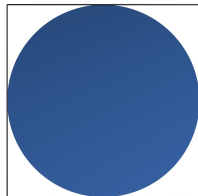Effectiveness: 3
Time: 2.6 min

Ease of Use: 4
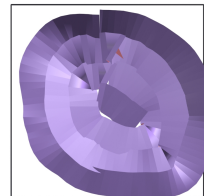Output Quality: 5
Effectiveness: 4
Time: 2.39 min

Ease of Use: 3
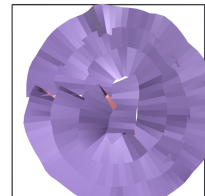Output Quality: 1
Effectiveness: 3
Time: 3.2 min

Ease of Use: 3
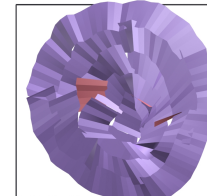Output Quality: 4
Effectiveness: 4
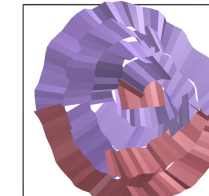Time: 4.32 min

Circular disk

Ease of Use: 3
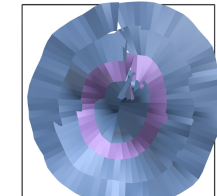Output Quality: 3
Effectiveness: 4
Time: 1.28 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 0.78 min

Ease of Use: 4
Output Quality: 2
Effectiveness: 4
Time: 1.31 min

Ease of Use: 3
Output Quality: 1
Effectiveness: 3
Time: 1.28 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 4
Time: 1.08 min

DrawingOnAir
Tool order: 1

TiltBrush
Tool order: 4

CavePainting
Tool order: 0

GravitySketch
Tool order: 2

AdaptiBrush
Tool order: 3

P3

Practice time: 3.04 min

Practice time: 4.78 min

Practice time: 3.69 min
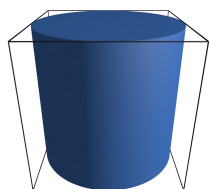
Practice time: 5.46 min

Practice time: 3.01 min

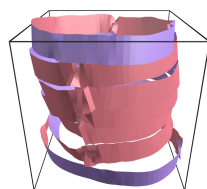Ease of Learning: 3

Ease of Learning: 5
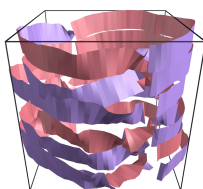
Ease of Learning: 4
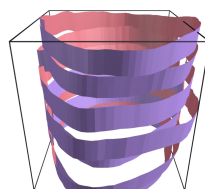
Ease of Learning: 5

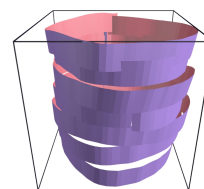Ease of Learning: 5

Cylindrical surface

Ease of Use: 2
Output Quality: 2
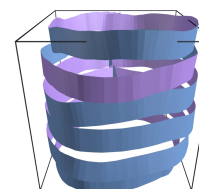Effectiveness: 4
Time: 3.16 min

Ease of Use: 1
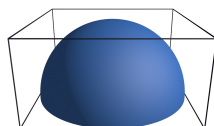Output Quality: 3
Effectiveness: 1
Time: 2.86 min

Ease of Use: 1
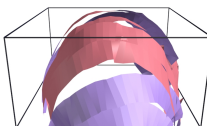Output Quality: 1
Effectiveness: 4
Time: 5.7 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 1.64 min

Ease of Use: 5
Output Quality: 4
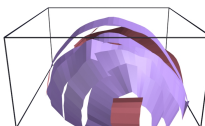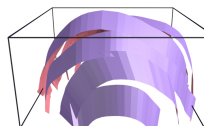Effectiveness: 2
Time: 1.63 min

Hemisphere

Ease of Use: 2
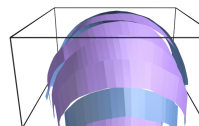Output Quality: 2
Effectiveness: 1
Time: 2.68 min

Ease of Use: 1
Output Quality: 1
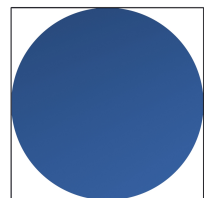Effectiveness: 2
Time: 1.24 min

Ease of Use: 4
Output Quality: 4
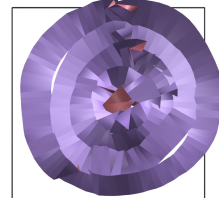Effectiveness: 1
Time: 5.88 min

Ease of Use: 4
Output Quality: 3
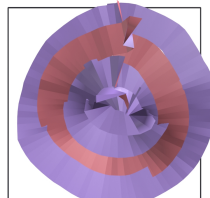Effectiveness: 2
Time: 1.04 min

Ease of Use: 2
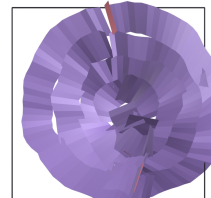Output Quality: 5
Effectiveness: 3
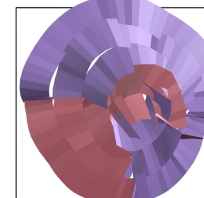Time: 1.62 min

Circular disk

Ease of Use: 1
Output Quality: 3
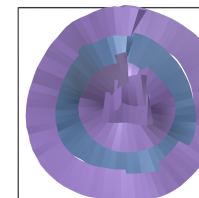Effectiveness: 1
Time: 4.34 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 5
Time: 1.12 min

Ease of Use: 2
Output Quality: 2
Effectiveness: 1
Time: 2.65 min

Ease of Use: 1
Output Quality: 1
Effectiveness: 1
Time: 1.29 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 5
Time: 2.75 min

DrawingOnAir
Tool order: **2**

TiltBrush
Tool order: **0**

CavePainting
Tool order: **1**

GravitySketch
Tool order: **3**

AdaptiBrush
Tool order: **4**

P4

Practice time: 3.09 min

Ease of Learning: 4

Practice time: 3.41 min

Ease of Learning: 2

Practice time: 3.85 min

Ease of Learning: 5

Practice time: 3.02 min

Ease of Learning: 4

Practice time: 3.02 min

Ease of Learning: 5

Cylindrical surface

Ease of Use: 4
Output Quality: 2
Effectiveness: 4
Time: 2.36 min

Ease of Use: 3
Output Quality: 5
Effectiveness: 4
Time: 1.1 min

Ease of Use: 5
Output Quality: 3
Effectiveness: 4
Time: 1.14 min

Ease of Use: 4
Output Quality: 1
Effectiveness: 5
Time: 0.76 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 5
Time: 0.69 min

Hemisphere

Ease of Use: 4
Output Quality: 1
Effectiveness: 4
Time: 0.98 min

Ease of Use: 2
Output Quality: 2
Effectiveness: 2
Time: 6.32 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 4
Time: 1.5 min

Ease of Use: 2
Output Quality: 3
Effectiveness: 3
Time: 1.44 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 1.52 min

Circular disk

Ease of Use: 5
Output Quality: 2
Effectiveness: 5
Time: 0.34 min

Ease of Use: 2
Output Quality: 3
Effectiveness: 4
Time: 1.09 min

Ease of Use: 4
Output Quality: 1
Effectiveness: 4
Time: 0.63 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 2
Time: 1.31 min

Ease of Use: 3
Output Quality: 5
Effectiveness: 3
Time: 0.1 min

DrawingOnAir
Tool order: **3**

TiltBrush
Tool order: **1**

CavePainting
Tool order: **2**

GravitySketch
Tool order: **4**

AdaptiBrush
Tool order: **0**

Practice time: 14.07 min

Practice time: 3.03 min

Practice time: 3.32 min

Practice time: 3.22 min

Practice time: 3.3 min

P5

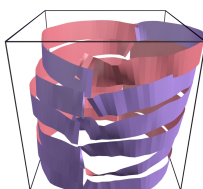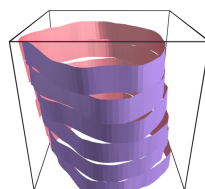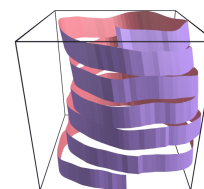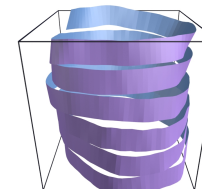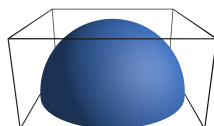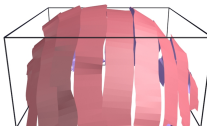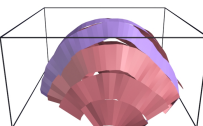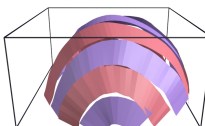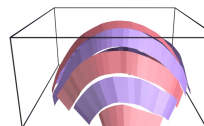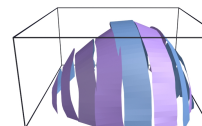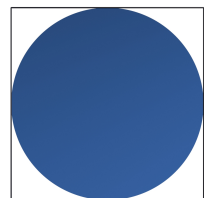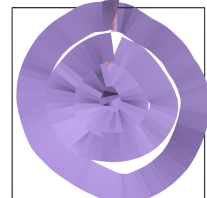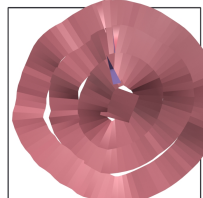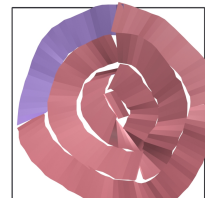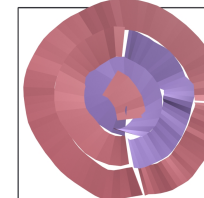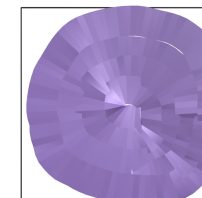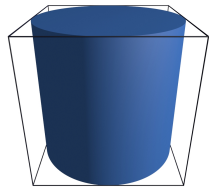**Ease of Learning: 3**
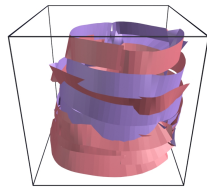
Ease of Learning: 2
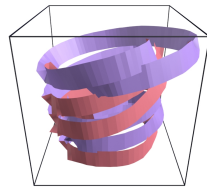
Ease of Learning: 4

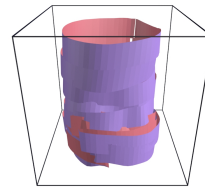**Ease of Learning: 3**

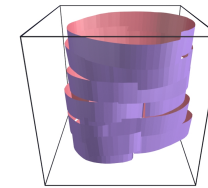**Ease of Learning: 3**

Cylindrical surface

Ease of Use: 3
Output Quality: 2
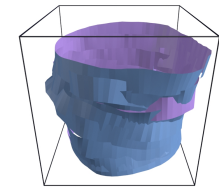Effectiveness: 1
Time: 3.29 min

Ease of Use: 2
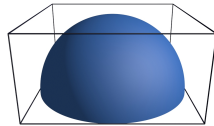Output Quality: 1
Effectiveness: 1
Time: 2.69 min

Ease of Use: 4
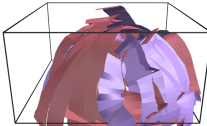Output Quality: 3
Effectiveness: 4
Time: 1.54 min

Ease of Use: 4
Output Quality: 5
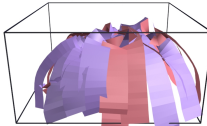Effectiveness: 4
Time: 0.42 min

Ease of Use: 3
Output Quality: 4
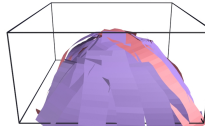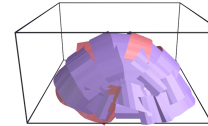Effectiveness: 2
Time: 1.7 min

Hemisphere

Ease of Use: 3
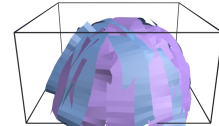Output Quality: 2
Effectiveness: 2
Time: 1.12 min

Ease of Use: 2
Output Quality: 1
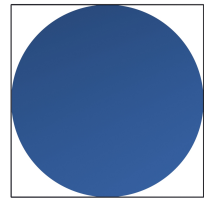Effectiveness: 2
Time: 1.09 min

Ease of Use: 4
Output Quality: 4
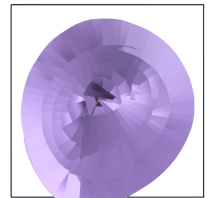Effectiveness: 4
Time: 1.08 min

Ease of Use: 4
Output Quality: 3
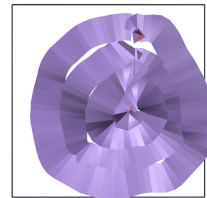Effectiveness: 4
Time: 1.1 min

Ease of Use: 1
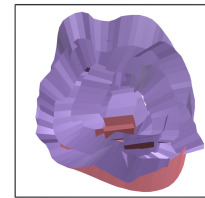Output Quality: 5
Effectiveness: 1
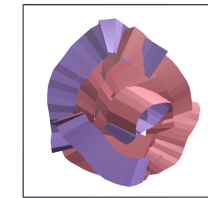Time: 2.04 min

Circular disk

Ease of Use: 3
Output Quality: 5
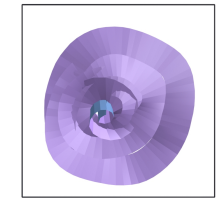Effectiveness: 3
Time: 0.43 min

Ease of Use: 2
Output Quality: 1
Effectiveness: 2
Time: 0.72 min

Ease of Use: 3
Output Quality: 3
Effectiveness: 2
Time: 0.52 min

Ease of Use: 2
Output Quality: 2
Effectiveness: 2
Time: 0.31 min

Ease of Use: 3
Output Quality: 4
Effectiveness: 3
Time: 0.77 min

	DrawingOnAir Tool order: **4**	**TiltBrush** Tool order: **2**	**CavePainting** Tool order: **3**	**GravitySketch** Tool order: **0**	**AdaptiBrush** Tool order: **1**

P6

Practice time: **3.13 min** | Practice time: **3.07 min** | Practice time: **3.25 min** | Practice time: **4.17 min** | Practice time: **3.99 min**

Ease of Learning: **2** | Ease of Learning: **4** | Ease of Learning: **5** | Ease of Learning: **5** | Ease of Learning: **4**

Cylindrical surface

Ease of Use: 1
Output Quality: 1
Effectiveness: 1
Time: 2.07 min

Ease of Use: 2
Output Quality: 2
Effectiveness: 1
Time: 1.56 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 2
Time: 2.23 min

Ease of Use: 1
Output Quality: 5
Effectiveness: 1
Time: 2.54 min

Ease of Use: 4
Output Quality: 3
Effectiveness: 5
Time: 3.22 min

Hemisphere

Ease of Use: 1
Output Quality: 1
Effectiveness: 1
Time: 1.32 min

Ease of Use: 2
Output Quality: 4
Effectiveness: 1
Time: 1.63 min

Ease of Use: 2
Output Quality: 3
Effectiveness: 1
Time: 1.3 min

Ease of Use: 2
Output Quality: 2
Effectiveness: 2
Time: 1.85 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 2.07 min

Circular disk

Ease of Use: 3
Output Quality: 2
Effectiveness: 1
Time: 0.42 min

Ease of Use: 1
Output Quality: 4
Effectiveness: 2
Time: 0.42 min

Ease of Use: 5
Output Quality: 1
Effectiveness: 3
Time: 1.89 min

Ease of Use: 1
Output Quality: 5
Effectiveness: 1
Time: 1.96 min

Ease of Use: 4
Output Quality: 3
Effectiveness: 4
Time: 0.54 min

DrawingOnAir
Tool order: 0

TiltBrush
Tool order: 3

CavePainting
Tool order: 4

GravitySketch
Tool order: 1

AdaptiBrush
Tool order: 2

Practice time: 3.86 min

Practice time: 3.14 min

Practice time: 3.04 min

Practice time: 3.02 min

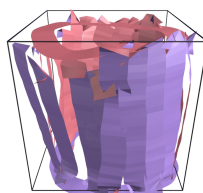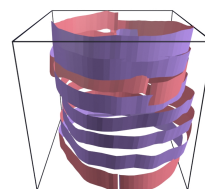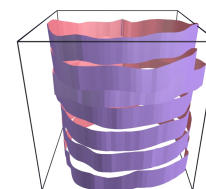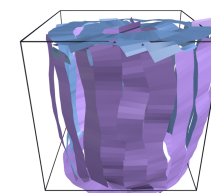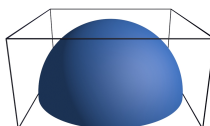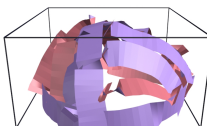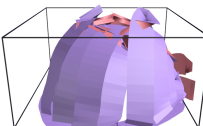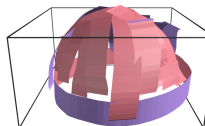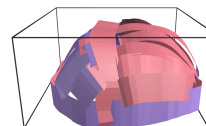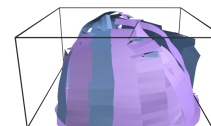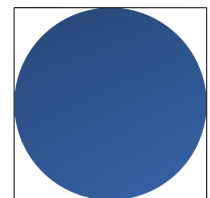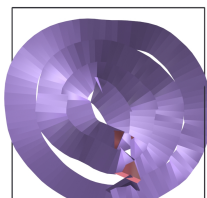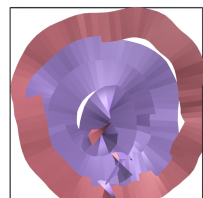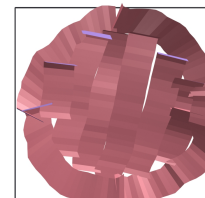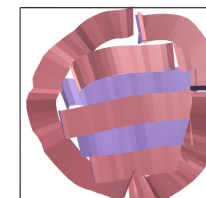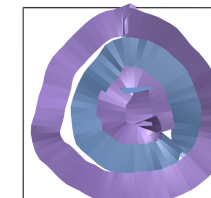**Practice time: 3.32 min**

P7

Ease of Learning: 4

Ease of Learning: 4

Ease of Learning: 4

Ease of Learning: 5

Ease of Learning: 3

Cylindrical surface

Ease of Use: 1
Output Quality: 1
Effectiveness: 2
Time: 2.81 min

Ease of Use: 2
Output Quality: 4
Effectiveness: 3
Time: 0.73 min

Ease of Use: 4
Output Quality: 2
Effectiveness: 4
Time: 0.98 min

Ease of Use: 3
Output Quality: 5
Effectiveness: 4
Time: 1.0 min

Ease of Use: 4
Output Quality: 3
Effectiveness: 3
Time: 0.9 min

Hemisphere

Ease of Use: 1
Output Quality: 2
Effectiveness: 2
Time: 1.41 min

Ease of Use: 2
Output Quality: 1
Effectiveness: 3
Time: 0.94 min

Ease of Use: 2
Output Quality: 3
Effectiveness: 2
Time: 0.95 min

Ease of Use: 2
Output Quality: 4
Effectiveness: 3
Time: 1.11 min

Ease of Use: 2
Output Quality: 5
Effectiveness: 3
Time: 1.09 min

Circular disk

Ease of Use: 2
Output Quality: 2
Effectiveness: 2
Time: 0.72 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 4
Time: 0.31 min

Ease of Use: 3
Output Quality: 1
Effectiveness: 4
Time: 0.49 min

Ease of Use: 2
Output Quality: 3
Effectiveness: 3
Time: 0.87 min

Ease of Use: 3
Output Quality: 5
Effectiveness: 4
Time: 0.47 min

DrawingOnAir
Tool order: 1

TiltBrush
Tool order: 4

CavePainting
Tool order: 0

GravitySketch
Tool order: 2

AdaptiBrush
Tool order: 3

P8

Practice time: 3.39 min
Ease of Learning: 1

Practice time: 3.69 min
Ease of Learning: 5
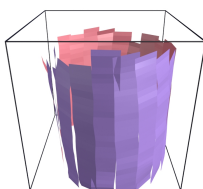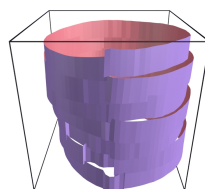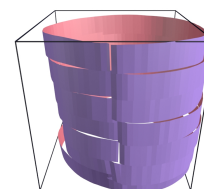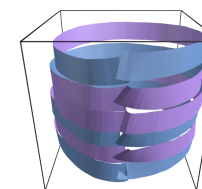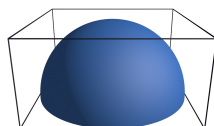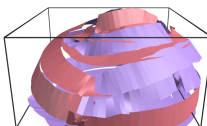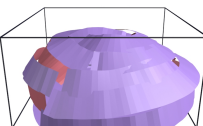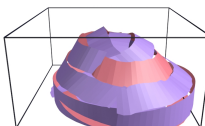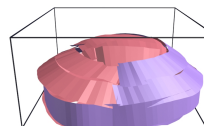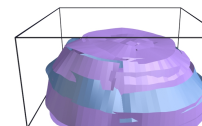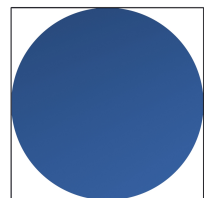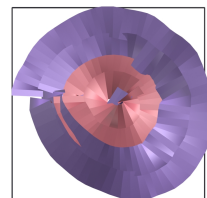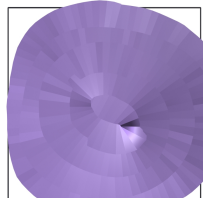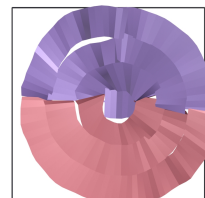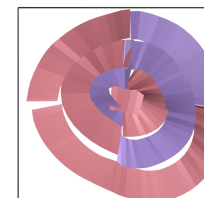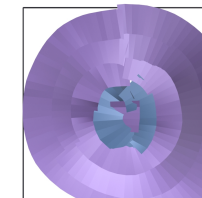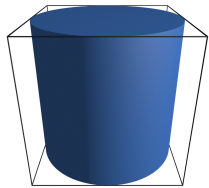
Practice time: 4.12 min
Ease of Learning: 3
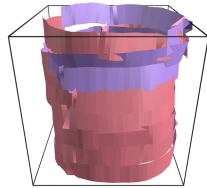
Practice time: 3.91 min
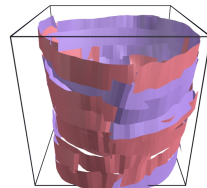**Ease of Learning: 5**

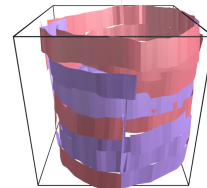**Practice time: 3.0 min**
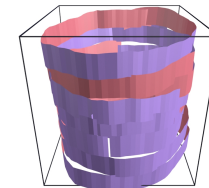**Ease of Learning: 4**

Cylindrical surface

Ease of Use: 3
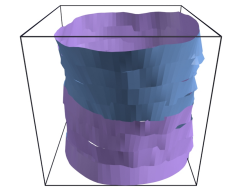Output Quality: 1
Effectiveness: 2
Time: 2.04 min

Ease of Use: 4
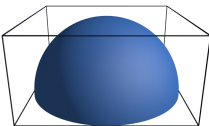Output Quality: 2
Effectiveness: 2
Time: 3.74 min

Ease of Use: 2
Output Quality: 5
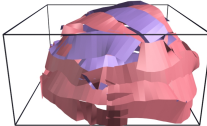Effectiveness: 4
Time: 17.92 min

Ease of Use: 5
Output Quality: 4
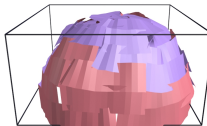Effectiveness: 4
Time: 2.75 min

Ease of Use: 5
Output Quality: 3
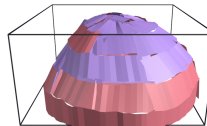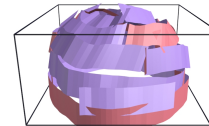Effectiveness: 4
Time: 3.85 min

Hemisphere

Ease of Use: 1
Output Quality: 1
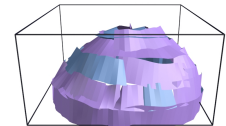Effectiveness: 1
Time: 4.89 min

Ease of Use: 5
Output Quality: 5
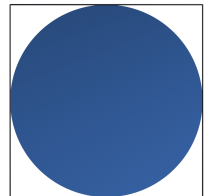Effectiveness: 4
Time: 2.62 min

Ease of Use: 2
Output Quality: 4
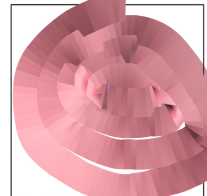Effectiveness: 2
Time: 13.85 min

Ease of Use: 2
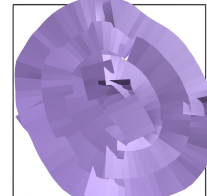Output Quality: 2
Effectiveness: 1
Time: 1.65 min

Ease of Use: 4
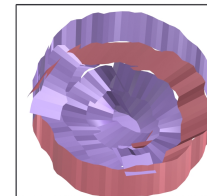Output Quality: 3
Effectiveness: 4
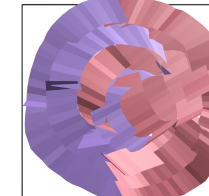Time: 2.58 min

Circular disk

Ease of Use: 1
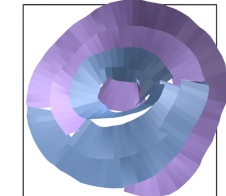Output Quality: 2
Effectiveness: 1
Time: 0.58 min

Ease of Use: 4
Output Quality: 3
Effectiveness: 2
Time: 0.58 min

Ease of Use: 1
Output Quality: 4
Effectiveness: 1
Time: 4.29 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 3
Time: 0.88 min

Ease of Use: 4
Output Quality: 1
Effectiveness: 2
Time: 0.68 min

DrawingOnAir
Tool order: **2**

TiltBrush
Tool order: **0**

CavePainting
Tool order: **1**

GravitySketch
Tool order: **3**

AdaptiBrush
Tool order: **4**

P9

Practice time: **3.02 min**

Practice time: **6.41 min**

Practice time: **3.32 min**

Practice time: **3.04 min**
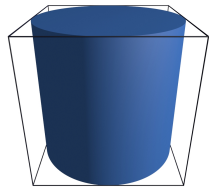
Practice time: **3.14 min**

Ease of Learning: **1**
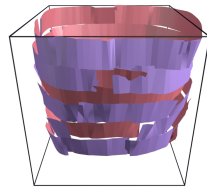
Ease of Learning: **3**

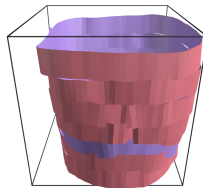Ease of Learning: **4**

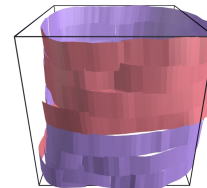Ease of Learning: **4**

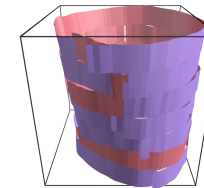Ease of Learning: **4**

Cylindrical surface

Ease of Use: 1
Output Quality: 1
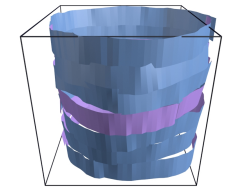Effectiveness: 1
Time: 8.75 min

Ease of Use: 3
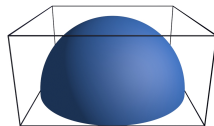Output Quality: 3
Effectiveness: 3
Time: 18.49 min

Ease of Use: 3
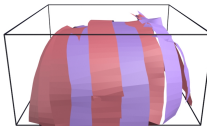Output Quality: 2
Effectiveness: 3
Time: 9.87 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 4.61 min

Ease of Use: 4
Output Quality: 4
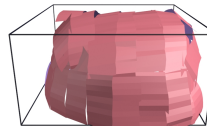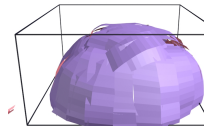Effectiveness: 4
Time: 4.55 min

Hemisphere

Ease of Use: 1
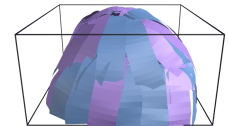Output Quality: 2
Effectiveness: 1
Time: 5.08 min

Ease of Use: 3
Output Quality: 3
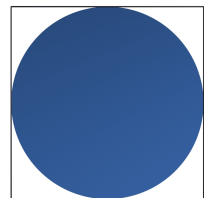Effectiveness: 3
Time: 37.51 min

Ease of Use: 3
Output Quality: 1
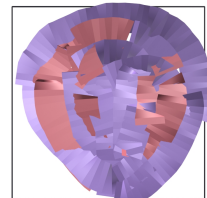Effectiveness: 3
Time: 15.85 min

Ease of Use: 4
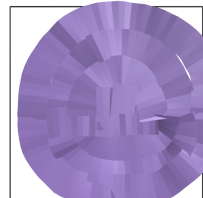Output Quality: 5
Effectiveness: 4
Time: 4.21 min

Ease of Use: 4
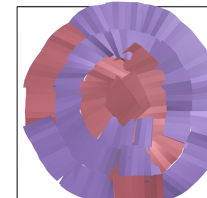Output Quality: 4
Effectiveness: 4
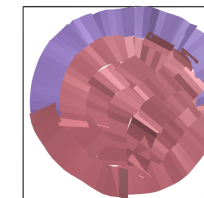Time: 5.19 min

Circular disk

Ease of Use: 1
Output Quality: 1
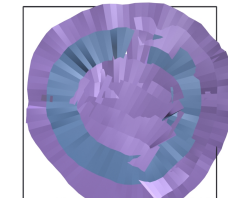Effectiveness: 1
Time: 4.14 min

Ease of Use: 3
Output Quality: 5
Effectiveness: 3
Time: 17.15 min

Ease of Use: 3
Output Quality: 4
Effectiveness: 2
Time: 9.04 min

Ease of Use: 4
Output Quality: 3
Effectiveness: 4
Time: 5.22 min

Ease of Use: 3
Output Quality: 2
Effectiveness: 3
Time: 5.89 min

	DrawingOnAir Tool order: **3**	**TiltBrush** Tool order: **1**	**CavePainting** Tool order: **2**	**GravitySketch** Tool order: **4**	**AdaptiBrush** Tool order: **0**

P10

	Practice time: **3.27 min**	Practice time: **3.56 min**	Practice time: **4.8 min**	Practice time: **4.62 min**	Practice time: **3.03 min**
	Ease of Learning: **4**	Ease of Learning: **4**	Ease of Learning: **4**	Ease of Learning: **4**	Ease of Learning: **4**

Cylindrical surface

	Ease of Use: 2	Ease of Use: 1	Ease of Use: 2	Ease of Use: 2	Ease of Use: 2
	Output Quality: 2	Output Quality: 1	Output Quality: 5	Output Quality: 3	Output Quality: 4
	Effectiveness: 1	Effectiveness: 1	Effectiveness: 2	Effectiveness: 2	Effectiveness: 2
	Time: 1.53 min	Time: 1.82 min	Time: 1.74 min	Time: 1.28 min	Time: 1.03 min

Hemisphere

	Ease of Use: 2	Ease of Use: 2	Ease of Use: 2	Ease of Use: 1	Ease of Use: 2
	Output Quality: 1	Output Quality: 2	Output Quality: 5	Output Quality: 3	Output Quality: 4
	Effectiveness: 1	Effectiveness: 1	Effectiveness: 2	Effectiveness: 1	Effectiveness: 2
	Time: 1.74 min	Time: 1.78 min	Time: 1.42 min	Time: 1.48 min	Time: 2.12 min

Circular disk

	Ease of Use: 2	Ease of Use: 2	Ease of Use: 2	Ease of Use: 2	Ease of Use: 2
	Output Quality: 4	Output Quality: 5	Output Quality: 1	Output Quality: 2	Output Quality: 3
	Effectiveness: 1	Effectiveness: 2	Effectiveness: 1	Effectiveness: 2	Effectiveness: 2
	Time: 1.44 min	Time: 0.77 min	Time: 1.54 min	Time: 0.79 min	Time: 2.43 min

DrawingOnAir
Tool order: **4**

TiltBrush
Tool order: **2**

CavePainting
Tool order: **3**

GravitySketch
Tool order: **0**

AdaptiBrush
Tool order: **1**

P11

Practice time: 3.66 min

Ease of Learning: 1

Practice time: 3.09 min

Ease of Learning: 4

Practice time: 3.58 min

Ease of Learning: 4

Practice time: 3.83 min
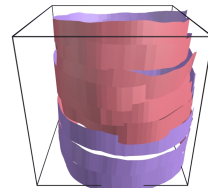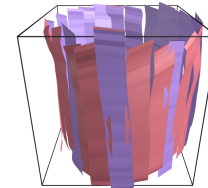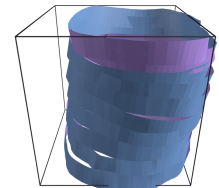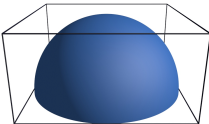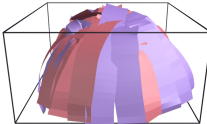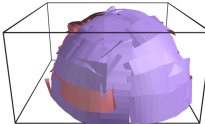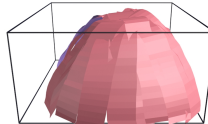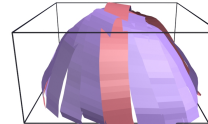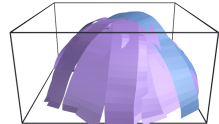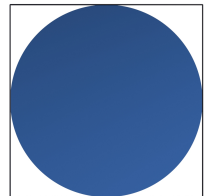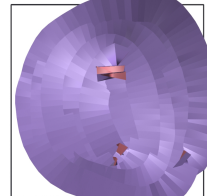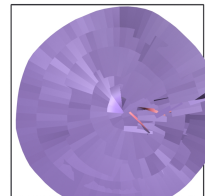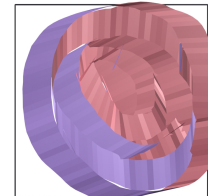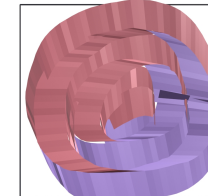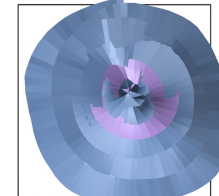
Ease of Learning: 5

Practice time: 3.13 min

Ease of Learning: 5

Cylindrical surface

Ease of Use: 1
Output Quality: 2
Effectiveness: 1
Time: 14.94 min

Ease of Use: 5
Output Quality: 5
Effectiveness: 4
Time: 6.26 min

Ease of Use: 5
Output Quality: 4
Effectiveness: 4
Time: 4.23 min

Ease of Use: 3
Output Quality: 3
Effectiveness: 4
Time: 9.71 min

Ease of Use: 5
Output Quality: 1
Effectiveness: 5
Time: 6.52 min

Hemisphere

Ease of Use: 1
Output Quality: 1
Effectiveness: 1
Time: 7.73 min

Ease of Use: 3
Output Quality: 5
Effectiveness: 2
Time: 4.91 min

Ease of Use: 4
Output Quality: 3
Effectiveness: 5
Time: 2.54 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 3
Time: 10.9 min

Ease of Use: 4
Output Quality: 2
Effectiveness: 3
Time: 4.98 min

Circular disk

Ease of Use: 1
Output Quality: 1
Effectiveness: 1
Time: 5.84 min

Ease of Use: 5
Output Quality: 2
Effectiveness: 5
Time: 2.0 min

Ease of Use: 2
Output Quality: 3
Effectiveness: 3
Time: 3.71 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 7.65 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 5
Time: 3.68 min

DrawingOnAir
Tool order: 0

TiltBrush
Tool order: 3

CavePainting
Tool order: 4

GravitySketch
Tool order: 1

AdaptiBrush
Tool order: 2

P12

Practice time: 3.3 min
Practice time: 3.13 min
Practice time: 3.02 min
Practice time: 3.01 min
Practice time: 3.03 min
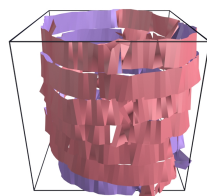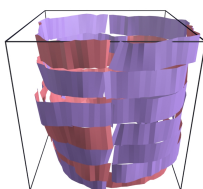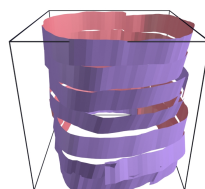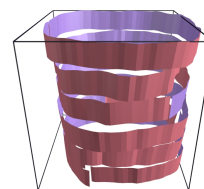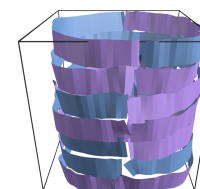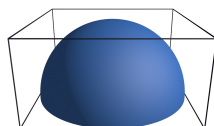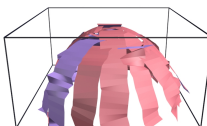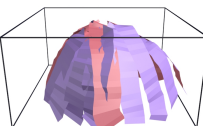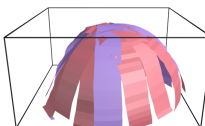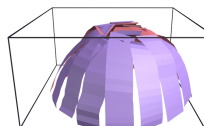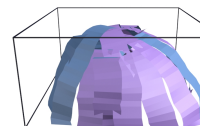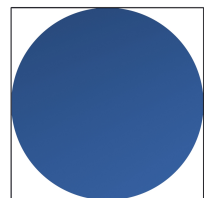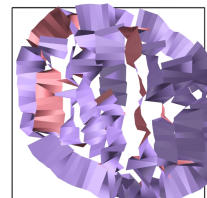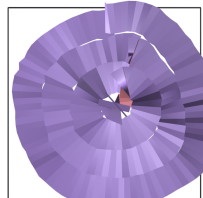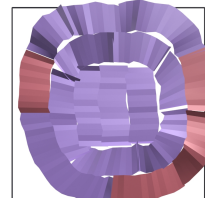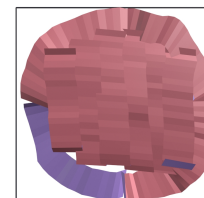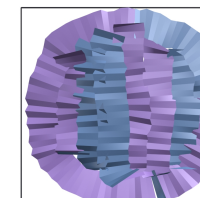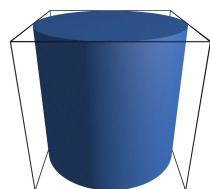
Ease of Learning: 2
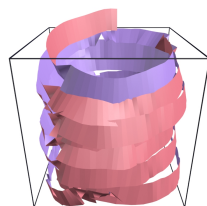**Ease of Learning: 4**
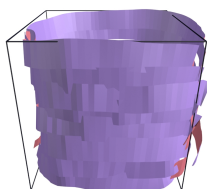**Ease of Learning: 3**
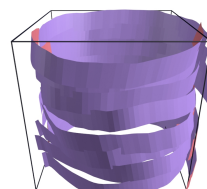**Ease of Learning: 3**
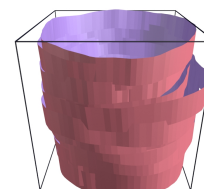**Ease of Learning: 4**

Cylindrical surface

Ease of Use: 1
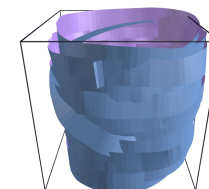Output Quality: 1
Effectiveness: 1
Time: 1.03 min

Ease of Use: 4
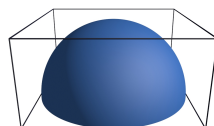Output Quality: 5
Effectiveness: 4
Time: 1.08 min

Ease of Use: 3
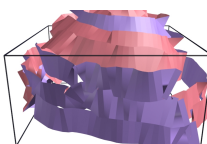Output Quality: 3
Effectiveness: 2
Time: 1.45 min

Ease of Use: 3
Output Quality: 2
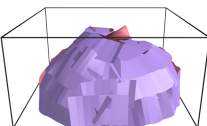Effectiveness: 3
Time: 1.18 min

Ease of Use: 3
Output Quality: 4
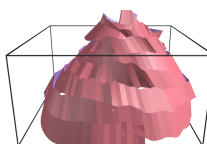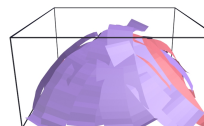Effectiveness: 4
Time: 1.27 min

Hemisphere

Ease of Use: 1
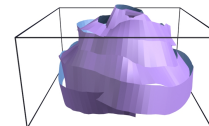Output Quality: 1
Effectiveness: 1
Time: 1.36 min

Ease of Use: 3
Output Quality: 4
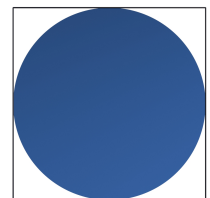Effectiveness: 3
Time: 2.19 min

Ease of Use: 1
Output Quality: 2
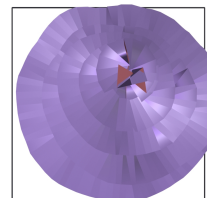Effectiveness: 1
Time: 0.82 min

Ease of Use: 2
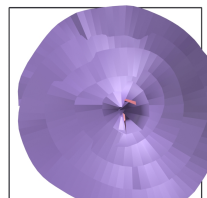Output Quality: 5
Effectiveness: 1
Time: 2.55 min

Ease of Use: 1
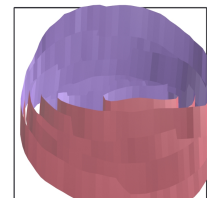Output Quality: 3
Effectiveness: 1
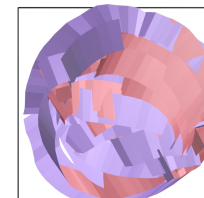Time: 0.89 min

Circular disk

Ease of Use: 4
Output Quality: 4
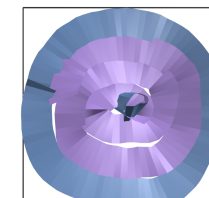Effectiveness: 2
Time: 1.0 min

Ease of Use: 5
Output Quality: 5
Effectiveness: 5
Time: 0.34 min

Ease of Use: 3
Output Quality: 3
Effectiveness: 1
Time: 0.42 min

Ease of Use: 2
Output Quality: 1
Effectiveness: 3
Time: 0.93 min

Ease of Use: 3
Output Quality: 2
Effectiveness: 3
Time: 1.04 min

	DrawingOnAir Tool order: 1	**TiltBrush** Tool order: 4	**CavePainting** Tool order: 0	**GravitySketch** Tool order: 2	**AdaptiBrush** Tool order: 3

P13

Practice time: 4.24 min | Practice time: 3.68 min | Practice time: 23.67 min | Practice time: 3.36 min | Practice time: 3.32 min
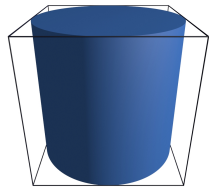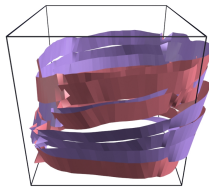
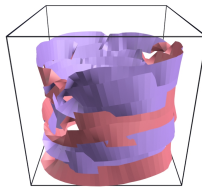Ease of Learning: 4 | Ease of Learning: 5 | Ease of Learning: 4 | Ease of Learning: 4 | Ease of Learning: 4
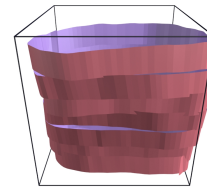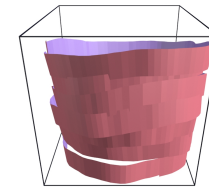
Cylindrical surface

Ease of Use: 2
Output Quality: 1
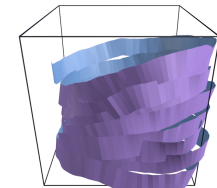Effectiveness: 2
Time: 0.76 min

Ease of Use: 2
Output Quality: 2
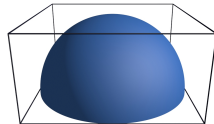Effectiveness: 2
Time: 2.22 min

Ease of Use: 2
Output Quality: 5
Effectiveness: 2
Time: 5.04 min

Ease of Use: 4
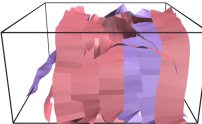Output Quality: 4
Effectiveness: 4
Time: 1.12 min

Ease of Use: 2
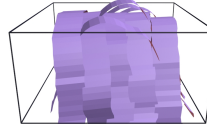Output Quality: 3
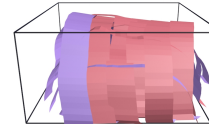Effectiveness: 2
Time: 0.62 min

Hemisphere

Ease of Use: 2
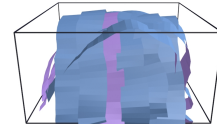Output Quality: 1
Effectiveness: 2
Time: 0.95 min

Ease of Use: 2
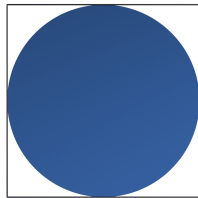Output Quality: 2
Effectiveness: 2
Time: 0.83 min

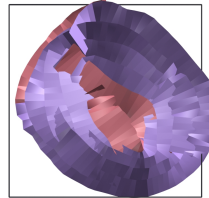Ease of Use: 1
Output Quality: 3
Effectiveness: 1
Time: 1.76 min

Ease of Use: 3
Output Quality: 5
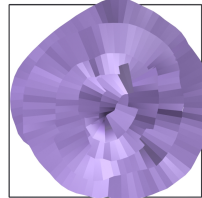Effectiveness: 3
Time: 1.13 min

Ease of Use: 2
Output Quality: 4
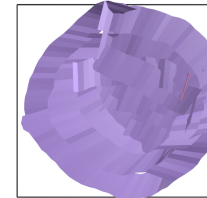Effectiveness: 2
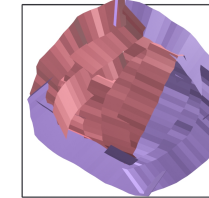Time: 1.13 min

Circular disk

Ease of Use: 3
Output Quality: 1
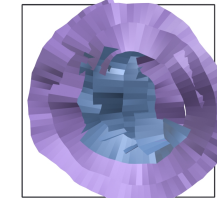Effectiveness: 3
Time: 0.84 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 0.53 min

Ease of Use: 2
Output Quality: 4
Effectiveness: 2
Time: 7.32 min

Ease of Use: 4
Output Quality: 2
Effectiveness: 4
Time: 1.26 min

Ease of Use: 4
Output Quality: 3
Effectiveness: 5
Time: 0.81 min

DrawingOnAir
Tool order: **2**

TiltBrush
Tool order: **0**

CavePainting
Tool order: **1**

GravitySketch
Tool order: **3**

AdaptiBrush
Tool order: **4**

Practice time: 3.34 min

Ease of Learning: 1

Practice time: 3.2 min

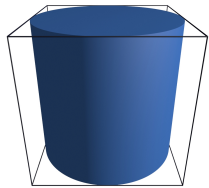**Ease of Learning: 4**

Practice time: 3.35 min

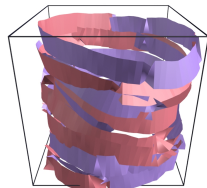**Ease of Learning: 4**

Practice time: 3.03 min

Ease of Learning: 4
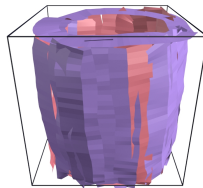
Practice time: 3.04 min
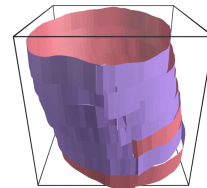
Ease of Learning: 4
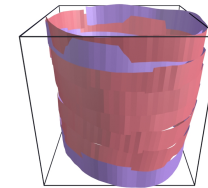
P14

Cylindrical surface

Ease of Use: 2
Output Quality: 1
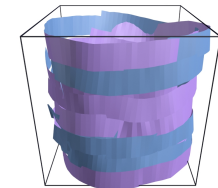Effectiveness: 2
Time: 2.13 min

Ease of Use: 1
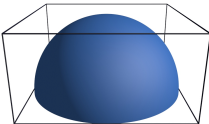Output Quality: 2
Effectiveness: 2
Time: 3.32 min

Ease of Use: 1
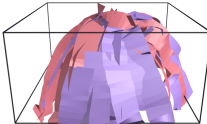Output Quality: 4
Effectiveness: 2
Time: 2.01 min

Ease of Use: 4
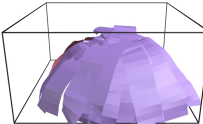Output Quality: 3
Effectiveness: 4
Time: 4.23 min

Ease of Use: 4
Output Quality: 5
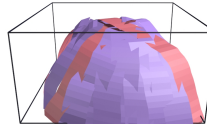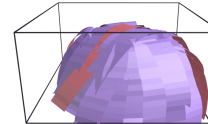Effectiveness: 4
Time: 1.35 min

Hemisphere

Ease of Use: 2
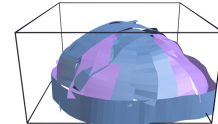Output Quality: 1
Effectiveness: 1
Time: 2.46 min

Ease of Use: 2
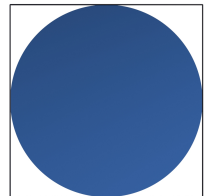Output Quality: 4
Effectiveness: 2
Time: 5.17 min

Ease of Use: 3
Output Quality: 3
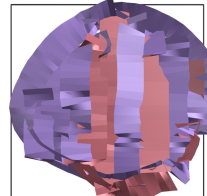Effectiveness: 2
Time: 2.24 min

Ease of Use: 2
Output Quality: 5
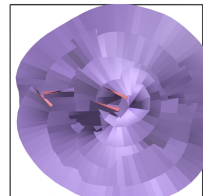Effectiveness: 4
Time: 2.2 min

Ease of Use: 2
Output Quality: 2
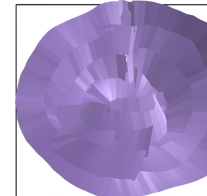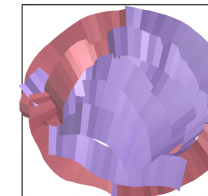Effectiveness: 4
Time: 1.79 min

Circular disk

Ease of Use: 1
Output Quality: 1
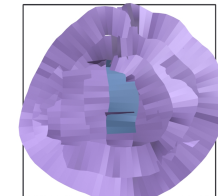Effectiveness: 1
Time: 1.17 min

Ease of Use: 3
Output Quality: 3
Effectiveness: 3
Time: 1.11 min

Ease of Use: 4
Output Quality: 2
Effectiveness: 4
Time: 0.85 min

Ease of Use: 3
Output Quality: 5
Effectiveness: 4
Time: 0.99 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 4
Time: 0.82 min

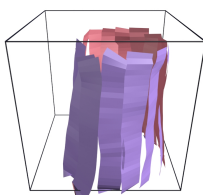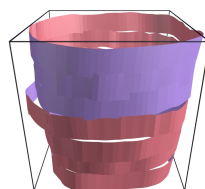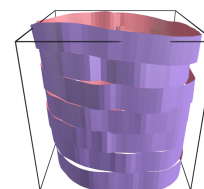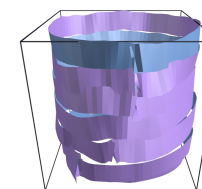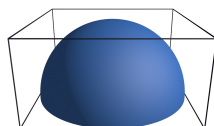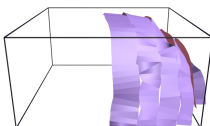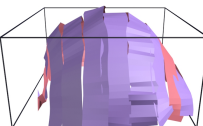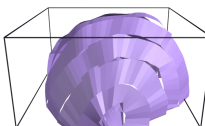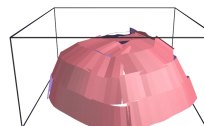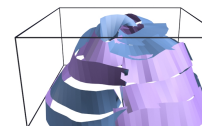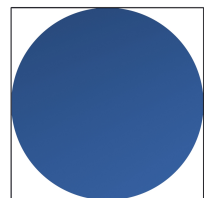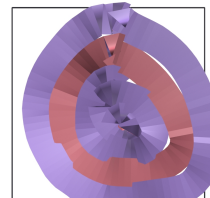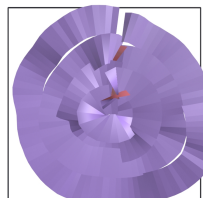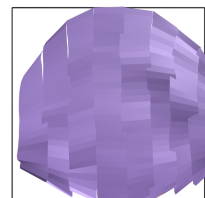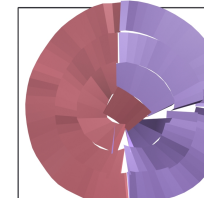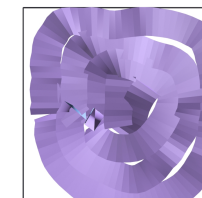|	**DrawingOnAir** **Tool order: 3**	**TiltBrush** **Tool order: 1**	**CavePainting** **Tool order: 2**	**GravitySketch** **Tool order: 4**	**AdaptiBrush** **Tool order: 0**
P15	**Practice time: 3.65 min** **Ease of Learning: 3**	**Practice time: 3.36 min** **Ease of Learning: 3**	**Practice time: 3.19 min** **Ease of Learning: 4**	**Practice time: 3.14 min** **Ease of Learning: 5**	**Practice time: 3.22 min** **Ease of Learning: 4**
Cylindrical surface	Ease of Use: 4 Output Quality: 5 Effectiveness: 4 Time: 2.6 min	Ease of Use: 3 Output Quality: 1 Effectiveness: 3 Time: 1.79 min	Ease of Use: 4 Output Quality: 3 Effectiveness: 4 Time: 2.78 min	Ease of Use: 4 Output Quality: 2 Effectiveness: 5 Time: 1.44 min	Ease of Use: 4 Output Quality: 4 Effectiveness: 4 Time: 1.82 min
Hemisphere	Ease of Use: 2 Output Quality: 1 Effectiveness: 2 Time: 4.87 min	Ease of Use: 2 Output Quality: 3 Effectiveness: 2 Time: 3.96 min	Ease of Use: 4 Output Quality: 5 Effectiveness: 4 Time: 1.46 min	Ease of Use: 4 Output Quality: 4 Effectiveness: 4 Time: 2.31 min	Ease of Use: 2 Output Quality: 2 Effectiveness: 2 Time: 6.42 min
Circular disk	Ease of Use: 4 Output Quality: 5 Effectiveness: 4 Time: 0.69 min	Ease of Use: 4 Output Quality: 4 Effectiveness: 5 Time: 0.63 min	Ease of Use: 4 Output Quality: 3 Effectiveness: 5 Time: 2.1 min	Ease of Use: 4 Output Quality: 1 Effectiveness: 5 Time: 1.03 min	Ease of Use: 2 Output Quality: 2 Effectiveness: 2 Time: 2.97 min

DrawingOnAir
Tool order: **4**

TiltBrush
Tool order: **2**

CavePainting
Tool order: **3**

GravitySketch
Tool order: **0**

AdaptiBrush
Tool order: **1**

P16

Practice time: 3.02 min

Ease of Learning: 3

Practice time: 3.87 min

Ease of Learning: 4

Practice time: 3.07 min

Ease of Learning: 4

Practice time: 3.12 min

Ease of Learning: 5

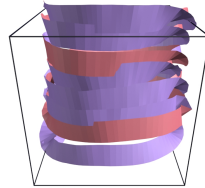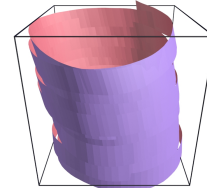**Practice time: 3.05 min**

Ease of Learning: 5
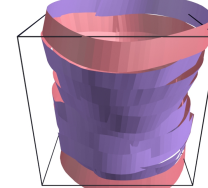
Cylindrical surface

Ease of Use:2
Output Quality: 1
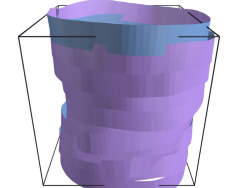Effectiveness:4
Time: 0.75 min

Ease of Use:2
Output Quality: 2
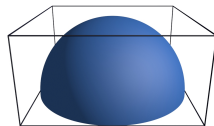Effectiveness:2
Time: 0.28 min

Ease of Use:5
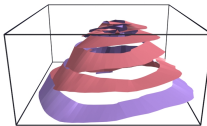Output Quality: 4
Effectiveness:5
Time: 0.98 min

Ease of Use:3
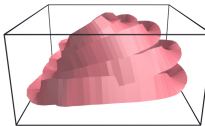Output Quality: 3
Effectiveness:4
Time: 2.36 min

Ease of Use:4
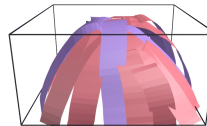Output Quality: 5
Effectiveness:4
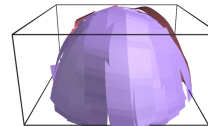Time: 2.64 min

Hemisphere

Ease of Use:3
Output Quality: 2
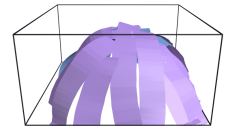Effectiveness:3
Time: 1.67 min

Ease of Use:1
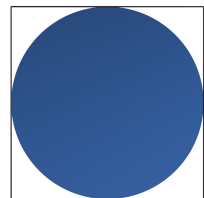Output Quality: 1
Effectiveness:1
Time: 1.89 min

Ease of Use:4
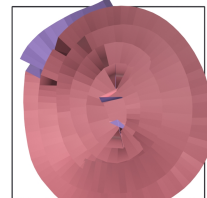Output Quality: 4
Effectiveness:4
Time: 0.83 min

Ease of Use:4
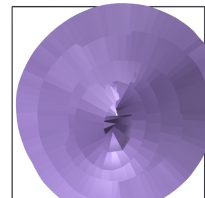Output Quality: 5
Effectiveness:4
Time: 0.74 min

Ease of Use:4
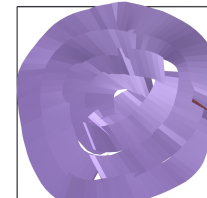Output Quality: 3
Effectiveness:4
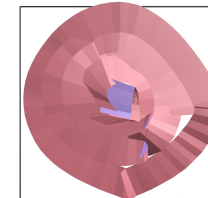Time: 1.73 min

Circular disk

Ease of Use:5
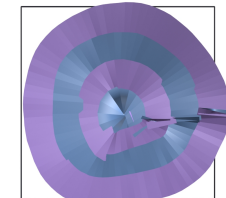Output Quality: 2
Effectiveness:5
Time: 0.2 min

Ease of Use:5
Output Quality: 4
Effectiveness:5
Time: 1.3 min

Ease of Use:4
Output Quality: 3
Effectiveness:4
Time: 0.39 min

Ease of Use:4
Output Quality: 1
Effectiveness:4
Time: 0.85 min

Ease of Use:3
Output Quality: 5
Effectiveness:3
Time: 1.16 min

DrawingOnAir
Tool order: **0**

TiltBrush
Tool order: **3**

CavePainting
Tool order: **4**

GravitySketch
Tool order: **1**

AdaptiBrush
Tool order: **2**

P17

Practice time: 17.6 min
Ease of Learning: 2

Practice time: 3.76 min
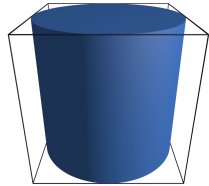**Ease of Learning: 3**

Practice time: 3.53 min
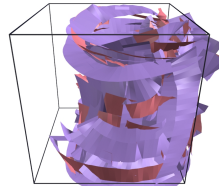**Ease of Learning: 4**

Practice time: 8.62 min
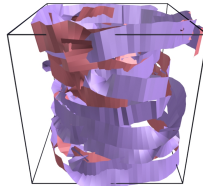**Ease of Learning: 4**

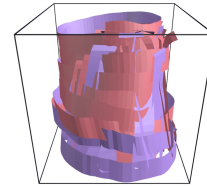**Practice time: 6.02 min**
Ease of Learning: 4
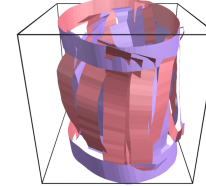
Cylindrical surface

Ease of Use: 2
Output Quality: 1
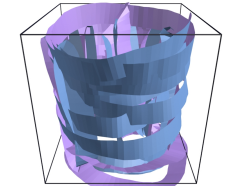Effectiveness: 3
Time: 12.11 min

Ease of Use: 2
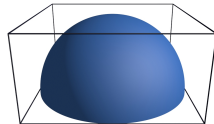Output Quality: 2
Effectiveness: 4
Time: 3.6 min

Ease of Use: 3
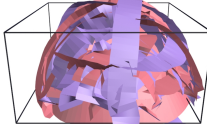Output Quality: 5
Effectiveness: 3
Time: 3.68 min

Ease of Use: 3
Output Quality: 3
Effectiveness: 3
Time: 3.03 min

Ease of Use: 4
Output Quality: 4
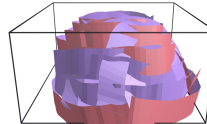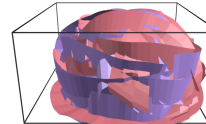Effectiveness: 4
Time: 4.23 min

Hemisphere

Ease of Use: 2
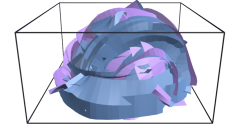Output Quality: 5
Effectiveness: 3
Time: 47.54 min

Ease of Use: 4
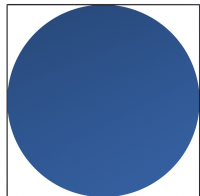Output Quality: 1
Effectiveness: 3
Time: 5.16 min

Ease of Use: 2
Output Quality: 2
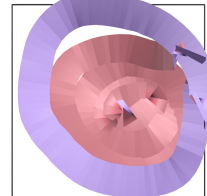Effectiveness: 2
Time: 2.28 min

Ease of Use: 3
Output Quality: 3
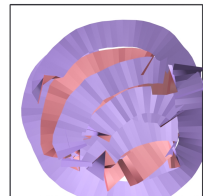Effectiveness: 4
Time: 8.2 min

Ease of Use: 3
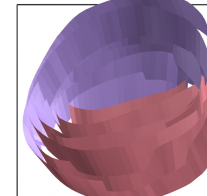Output Quality: 4
Effectiveness: 3
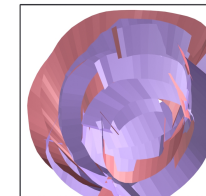Time: 6.82 min

Circular disk

Ease of Use: 1
Output Quality: 2
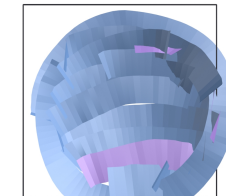Effectiveness: 1
Time: 7.42 min

Ease of Use: 3
Output Quality: 3
Effectiveness: 4
Time: 2.06 min

Ease of Use: 5
Output Quality: 5
Effectiveness: 5
Time: 2.17 min

Ease of Use: 4
Output Quality: 1
Effectiveness: 3
Time: 2.28 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 4
Time: 2.54 min

DrawingOnAir
Tool order: 1

TiltBrush
Tool order: 4

CavePainting
Tool order: 0

GravitySketch
Tool order: 2

AdaptiBrush
Tool order: 3

P18

Practice time: 3.02 min

Ease of Learning: 2

Practice time: 6.0 min

Ease of Learning: 4
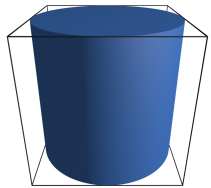
Practice time: 3.47 min

Ease of Learning: 4
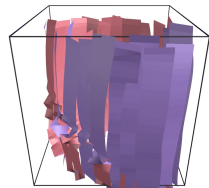
Practice time: 3.0 min

Ease of Learning: 4

Practice time: 3.0 min

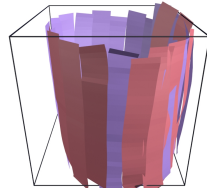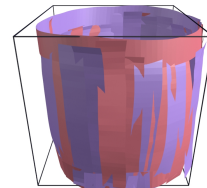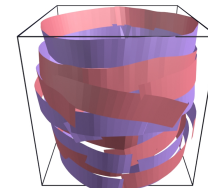**Ease of Learning: 2**

Cylindrical surface

Ease of Use: 1
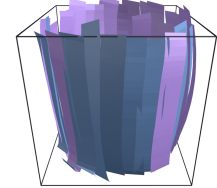Output Quality: 1
Effectiveness: 1
Time: 1.35 min

Ease of Use: 4
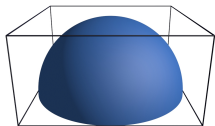Output Quality: 3
Effectiveness: 4
Time: 1.2 min

Ease of Use: 3
Output Quality: 5
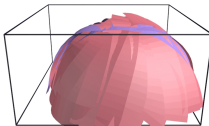Effectiveness: 3
Time: 4.36 min

Ease of Use: 3
Output Quality: 2
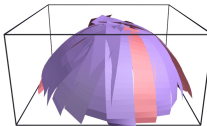Effectiveness: 3
Time: 1.35 min

Ease of Use: 3
Output Quality: 4
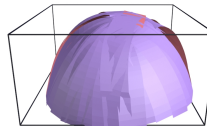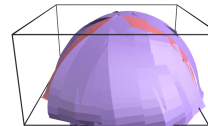Effectiveness: 3
Time: 1.82 min

Hemisphere

Ease of Use: 1
Output Quality: 3
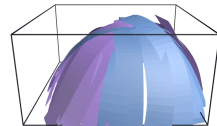Effectiveness: 1
Time: 5.07 min

Ease of Use: 4
Output Quality: 1
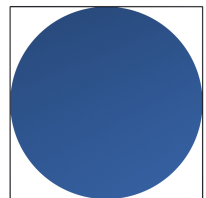Effectiveness: 4
Time: 2.42 min

Ease of Use: 3
Output Quality: 5
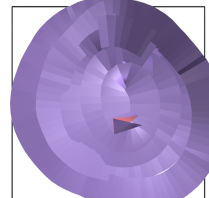Effectiveness: 2
Time: 2.87 min

Ease of Use: 2
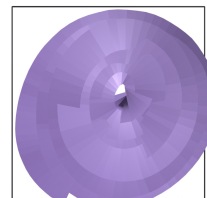Output Quality: 4
Effectiveness: 2
Time: 2.68 min

Ease of Use: 4
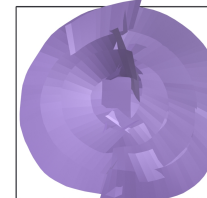Output Quality: 2
Effectiveness: 4
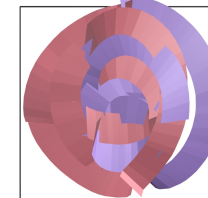Time: 1.91 min

Circular disk

Ease of Use: 4
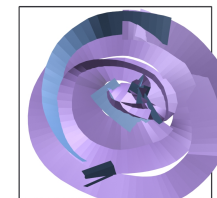Output Quality: 3
Effectiveness: 3
Time: 0.8 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 0.21 min

Ease of Use: 4
Output Quality: 4
Effectiveness: 3
Time: 1.92 min

Ease of Use: 3
Output Quality: 2
Effectiveness: 3
Time: 0.25 min

Ease of Use: 2
Output Quality: 1
Effectiveness: 2
Time: 0.8 min

DrawingOnAir
Tool order: **2**

TiltBrush
Tool order: **0**

CavePainting
Tool order: **1**

GravitySketch
Tool order: **3**

AdaptiBrush
Tool order: **4**

P19

Practice time: 5.83 min

Ease of Learning: 4

Practice time: 8.06 min

Ease of Learning: 3

Practice time: 18.44 min

Ease of Learning: 2

Practice time: 3.95 min

Ease of Learning: 4

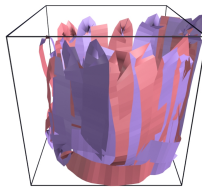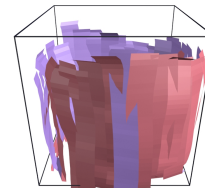**Practice time: 4.54 min**

Ease of Learning: 4
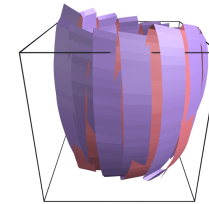
Cylindrical surface

Ease of Use: 4
Output Quality: 2
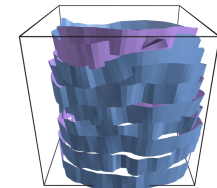Effectiveness: 3
Time: 7.6 min

Ease of Use: 3
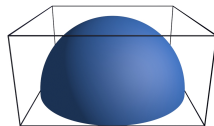Output Quality: 1
Effectiveness: 3
Time: 7.56 min

Ease of Use: 3
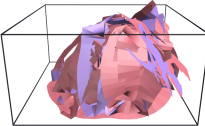Output Quality: 3
Effectiveness: 3
Time: 6.94 min

Ease of Use: 4
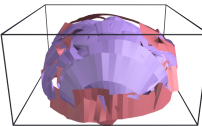Output Quality: 5
Effectiveness: 4
Time: 3.72 min

Ease of Use: 4
Output Quality: 4
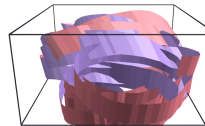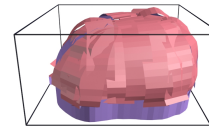Effectiveness: 4
Time: 1.49 min

Hemisphere

Ease of Use: 3
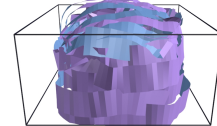Output Quality: 1
Effectiveness: 2
Time: 41.55 min

Ease of Use: 2
Output Quality: 5
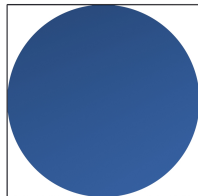Effectiveness: 1
Time: 20.21 min

Ease of Use: 1
Output Quality: 2
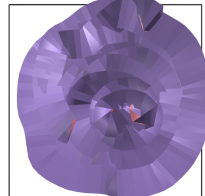Effectiveness: 1
Time: 6.36 min

Ease of Use: 4
Output Quality: 4
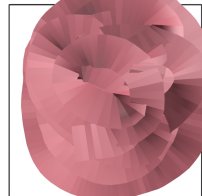Effectiveness: 4
Time: 7.42 min

Ease of Use: 4
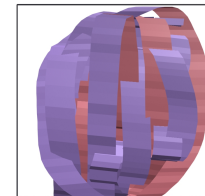Output Quality: 3
Effectiveness: 4
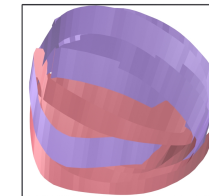Time: 5.07 min

Circular disk

Ease of Use: 4
Output Quality: 2
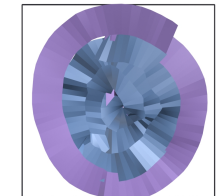Effectiveness: 4
Time: 1.07 min

Ease of Use: 3
Output Quality: 3
Effectiveness: 3
Time: 10.75 min

Ease of Use: 3
Output Quality: 4
Effectiveness: 3
Time: 1.27 min

Ease of Use: 4
Output Quality: 5
Effectiveness: 4
Time: 2.24 min

Ease of Use: 4
Output Quality: 1
Effectiveness: 4
Time: 4.57 min

	DrawingOnAir Tool order: **3**	**TiltBrush** Tool order: **1**	**CavePainting** Tool order: **2**	**GravitySketch** Tool order: **4**	**AdaptiBrush** Tool order: **0**

P20

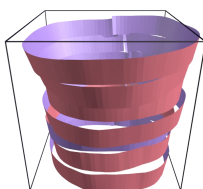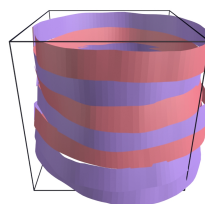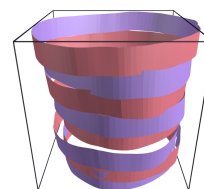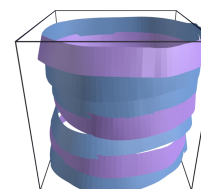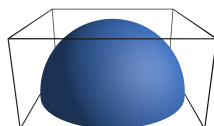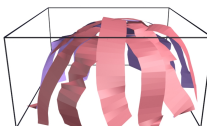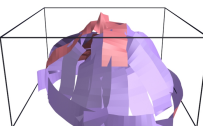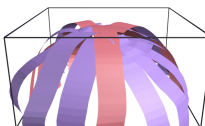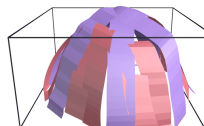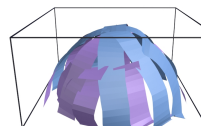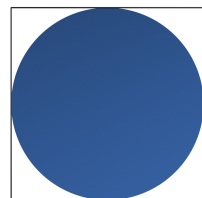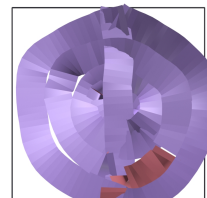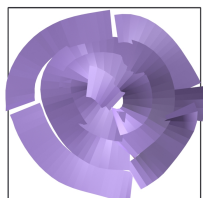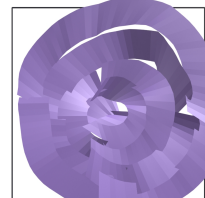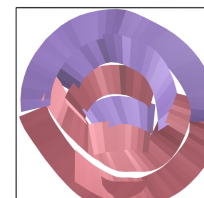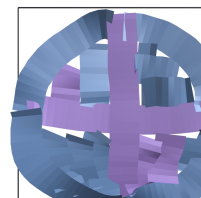|	Practice time: 3.55 min Ease of Learning: 1	Practice time: 3.05 min Ease of Learning: 2	Practice time: 3.16 min Ease of Learning: 4	Practice time: 3.07 min Ease of Learning: 2	Practice time: 2.81 min Ease of Learning: 4
Cylindrical surface	Ease of Use: 1 Output Quality: 1 Effectiveness: 1 Time: 2.27 min	Ease of Use: 2 Output Quality: 3 Effectiveness: 1 Time: 0.89 min	Ease of Use: 2 Output Quality: 4 Effectiveness: 2 Time: 1.76 min	Ease of Use: 1 Output Quality: 2 Effectiveness: 2 Time: 1.41 min	Ease of Use: 3 Output Quality: 5 Effectiveness: 3 Time: 1.89 min
Hemisphere	Ease of Use: 1 Output Quality: 1 Effectiveness: 1 Time: 1.66 min	Ease of Use: 1 Output Quality: 2 Effectiveness: 1 Time: 2.03 min	Ease of Use: 1 Output Quality: 3 Effectiveness: 1 Time: 1.74 min	Ease of Use: 1 Output Quality: 5 Effectiveness: 1 Time: 1.57 min	Ease of Use: 1 Output Quality: 4 Effectiveness: 1 Time: 1.19 min
Circular disk	Ease of Use: 2 Output Quality: 5 Effectiveness: 2 Time: 0.52 min	Ease of Use: 2 Output Quality: 1 Effectiveness: 2 Time: 0.64 min	Ease of Use: 2 Output Quality: 3 Effectiveness: 2 Time: 0.49 min	Ease of Use: 3 Output Quality: 2 Effectiveness: 2 Time: 0.54 min	Ease of Use: 2 Output Quality: 4 Effectiveness: 2 Time: 1.09 min