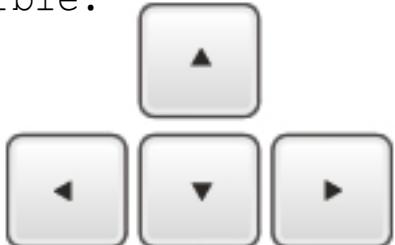
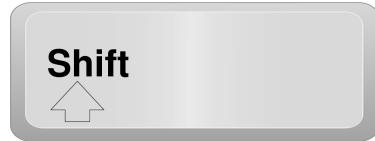


# TiltDraw User's Manual

Use the Arrow Keys to tilt your platform and roll the marble.



Hold the Shift Key to hold the angle of the platform and let the marble keep rolling



Click the marble or the drawing slate to change their materials and affect the friction force

[Concrete, Wood, Glass, Iron, Brass]



~~~> The default is a Glass marble and Wood Slate

Click on each of the four paint puddles on the right of the platform to assign a color, viscosity, and stress tensor values.

~~The viscosity of a fluid is the internal friction, or stickiness, of the fluid, and will govern how broad a "stroke" the marble leaves.

~~The stress tensor is the tendency for fluid to deform under a force and will govern the height of the paint layers.

The rectangle of water at the front of the platform will wash the

When the toggle text is **Green**, the marble will draw on the platform, when it is **Red**, it is lifted and you can roll it without drawing.

The gages at the bottom tell you how much of each paint is left on the marble.