

Student Name _____ Homeroom Teacher _____

NTI Day 21

Special Area -STEM Lab K - 2nd

You may access this lesson electronically from the following webpages:

Special Area - <http://cgesspecialarea.weebly.com/>

STEM Lab - <http://cgesstem.weebly.com/>

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| NGSS: K-2-ETS1-1 | Learning Target: I am testing ways to change the speed of an object rolling down a ramp. |
| Talk With a Partner | How does water get to your shower, kitchen sink, and outside faucet? Does the water ever move up, down, or sideways? What would happen if a pipe broke? |
| Observe | Look at the pipes under the sink in the bathroom or kitchen and see how they turn up and down. If there are other places where you can see water pipes look at them also. |
| Science Vocabulary | Force - a push or pull that makes things move, stop moving, or change direction Gravity - a force that pulls all objects down to the ground Friction - the force that slows objects down when they are touching each other |
| Try It | Set up a ramp and release (don't push with your hand) a car or ball from the top. Observe how fast it moves down the ramp and across the floor. Try two ways to make it move slower. Think of a solution that would keep the ball/car from rolling off the side of the ramp. |
| Reflection | Write your answer below or on the Response Form on the Special Area webpage for NTI Day 21. <ul style="list-style-type: none">• What force caused the car/ball to roll down the ramp?• What change did you make so the car/ball would roll down the ramp slower? |
