



# Investigating Friction

## Follow This Procedure

3–5. Record your observations and measurements.

Objects	Observations	Measurements
Eraser		
Stone		
Coin		
Button		
Toy car		

## Interpret Your Results

1. Describe some properties of the objects that slide more easily.

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Describe some properties of the objects that slide less easily.

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2. Which object demonstrated the most friction with the board? Which demonstrated the least friction?

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Rank the objects according to how much friction was demonstrated, from most to least.

most

least

**Inquire Further**

How could you reduce the friction with the board? Develop a plan to answer this or other questions you may have.

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**Self-Assessment Checklist**

- I followed instructions to demonstrate how friction affects different objects on a wooden ramp.
- I recorded my **observations** of the properties of the objects.
- I recorded my **measurements** of the board height needed to move each object.
- I described properties of objects that affect how the objects slid down a ramp.
- I **classified** by ranking the objects according to how much friction was demonstrated.

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**Notes for Home** Your child **observed** and **measured** the height of a ramp necessary to overcome friction.  
**Home Activity:** Ask your child to identify several objects in your home that would easily slide down a ramp.