

Name: \_\_\_\_\_




break

# Break or Bounce



bounce

## Hypothesis:

 <p>I predict</p>	
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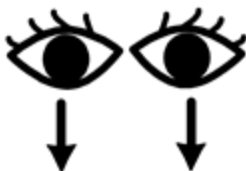
## Materials:

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## Procedure:

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## Observations:

 <p>I saw</p>	
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## Conclusion

 <p>My hypothesis was</p>	
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 it will break	 egg	 vinegar	 jar	 It broke	 right
 it will bounce	 put egg in Jar	 pour in vinegar	 wait 2 days	 it bounced	 wrong

 it will break	 egg	 vinegar	 jar	 It broke	 right
 it will bounce	 put egg in Jar	 pour in vinegar	 wait 2 days	 it bounced	 wrong

Introduce Topic by explaining that animals that hibernate eat a lot in the fall to get ready for winter. They eat a lot so that they get nice and fat. Fat helps their body INSULATE.

Explain project: we are going to use vasiline- which is just like fat- to show what insulation is. We will put vasiline on one thermometer and nothing on the other and see what happens to the temperature(s) when they are put in ice water.

Hypothesis: Do you think the vasiline and the normal thermometer will both get cold or do you think the one with the vasiline will stay warmer.

Materials: two thermometers, bowl of ice water, vasiline.

Procedure: spread vasiline on thermometer, put thermometers in ice water, compare.

It \*hopefully\* shows that the vasiline helps keep the thermometer warm just like fat keeps the animals that hibernate warm in the winter.