

Marvellous Marbles

How can you make the larger marble travel further?

What do you think would happen if you rolled the large marble into the smaller marble?

What do you think would happen if you used a shorter ramp?

What do you think would happen if you used a longer ramp?

What do you think would happen if you did this experiment on a different surface (e.g. carpet, gravel, grass?) Why?

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Shadow Showcase

How are shadows made?

Why do shadows sometimes appear outside?

Can you make a shadow stronger? How?

Can you make a shadow weaker? How?

Can you change the size of a shadow? How?

Can you make a shadow appear in a different direction? How?

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