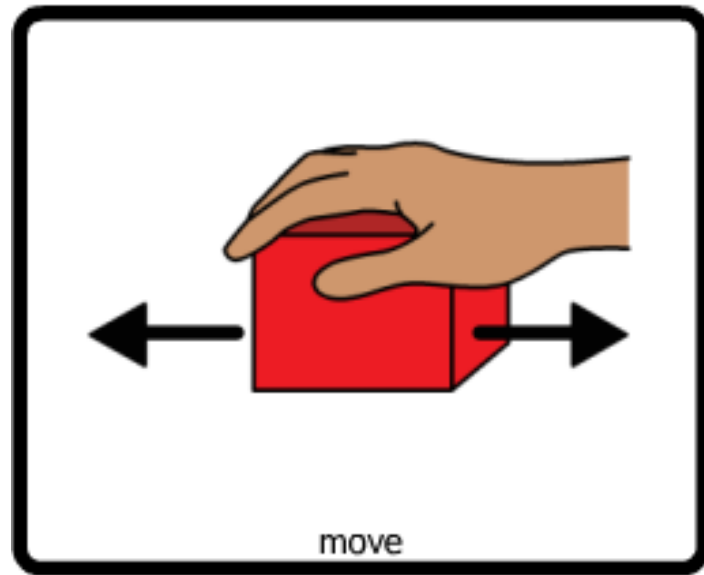


move

Science

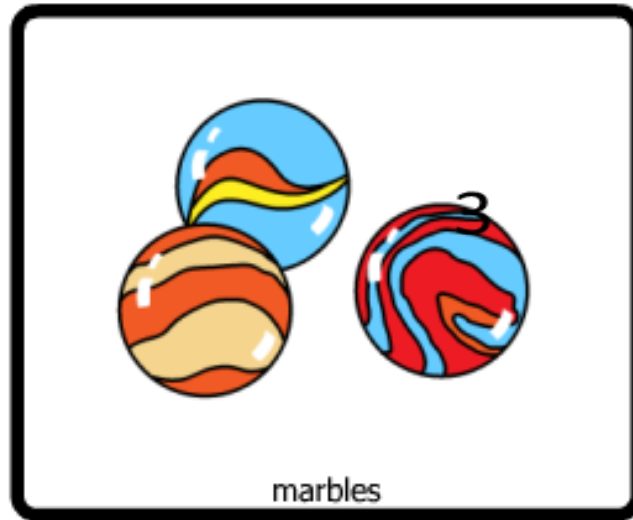
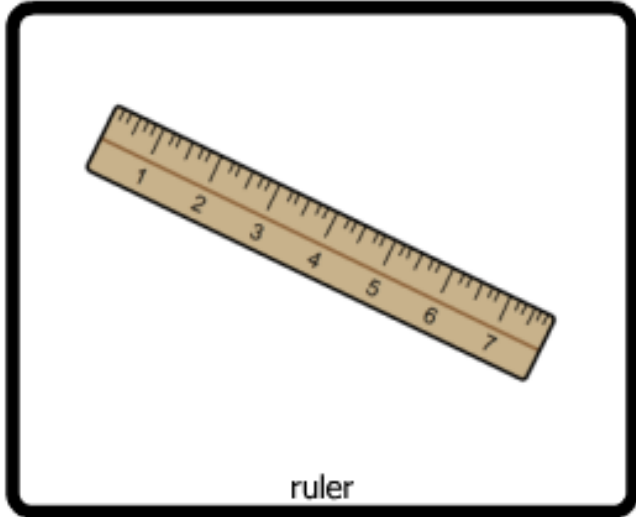
Kinetic Energy Marble experiment

Today we will be learning about kinetic energy.
Kinetic energy is about the way things move.

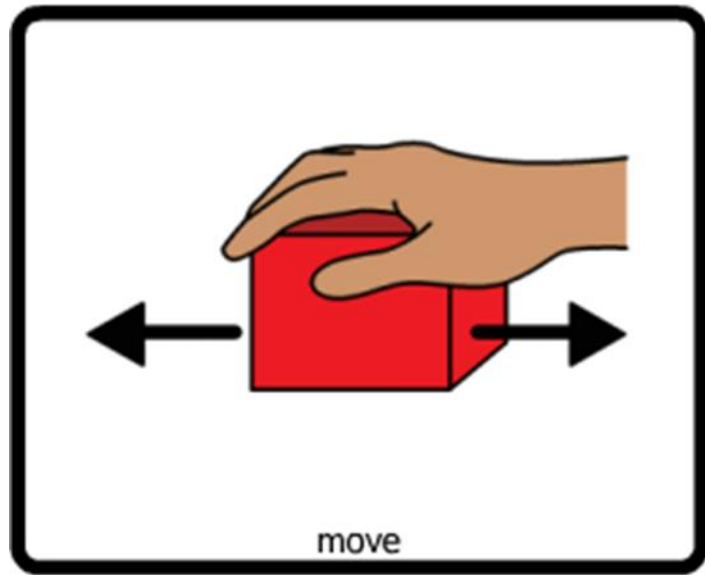


Have students take turns moving a large lego or block, any item will do.

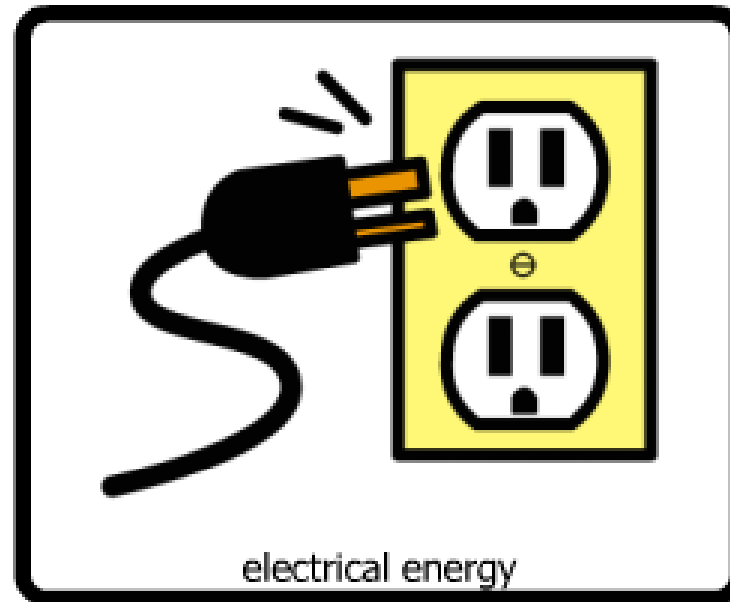
The materials needed for this lesson are...



The vocabulary for today's lesson is....

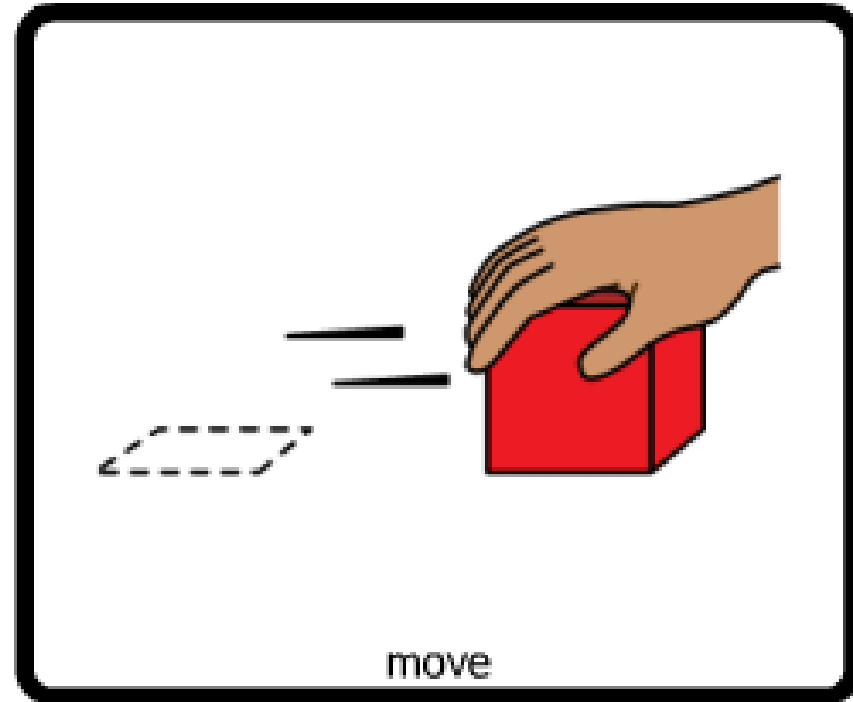
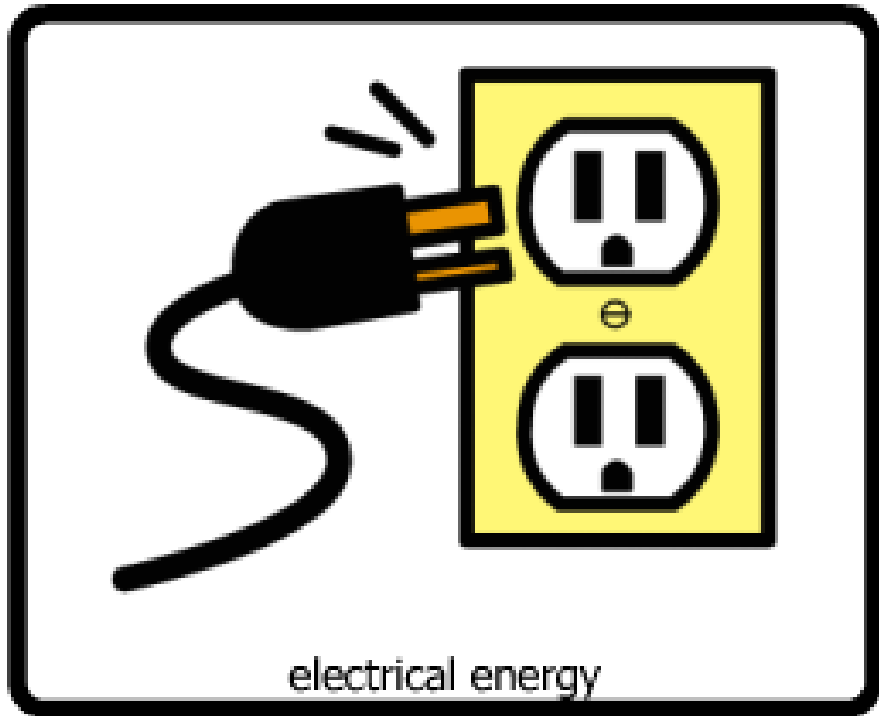


Have students take turns moving an item.



Pass around power strip.

We are going to see what happens when energy is transferred, or moved to another item.



Have students take turns moving a large lego or block, any item will do.

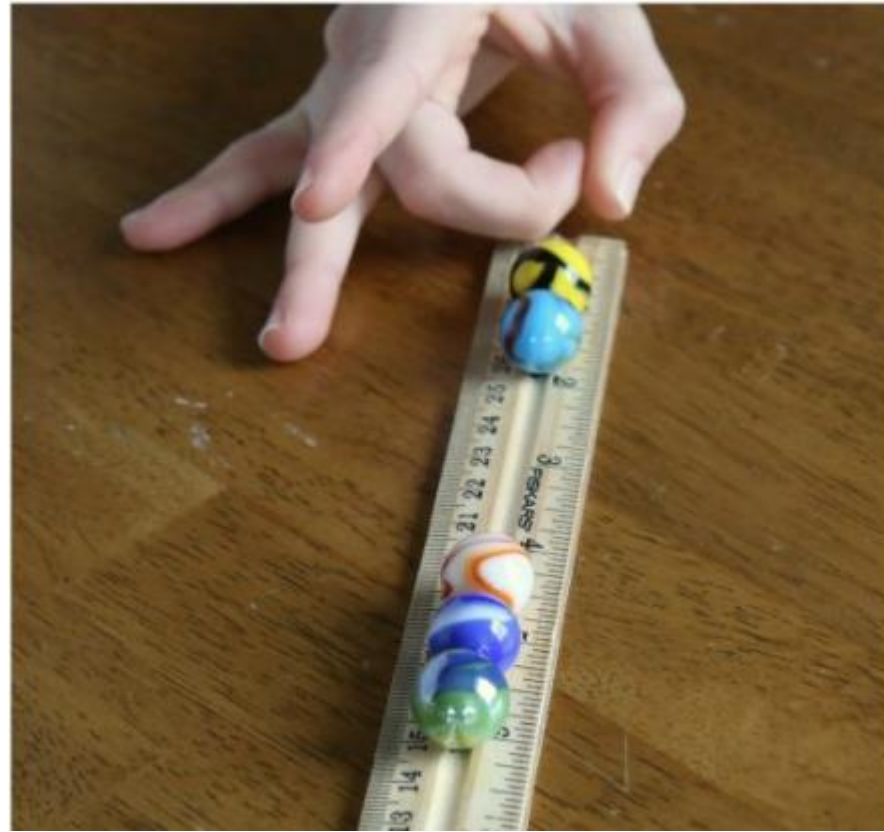
Here is a video of something called “Newton’s Cradle”

- <https://www.youtube.com/watch?v=0LnbyjOyEQ8>



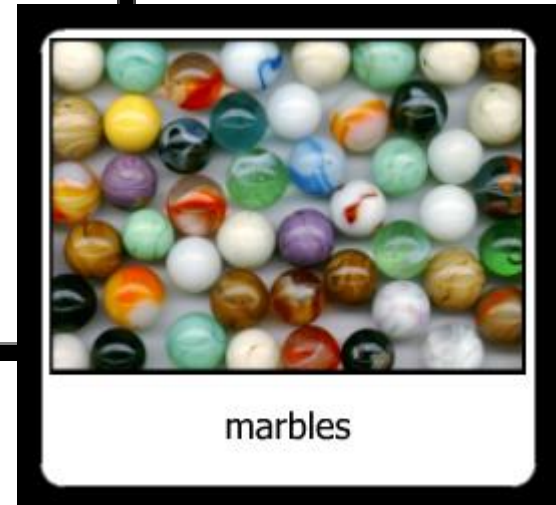
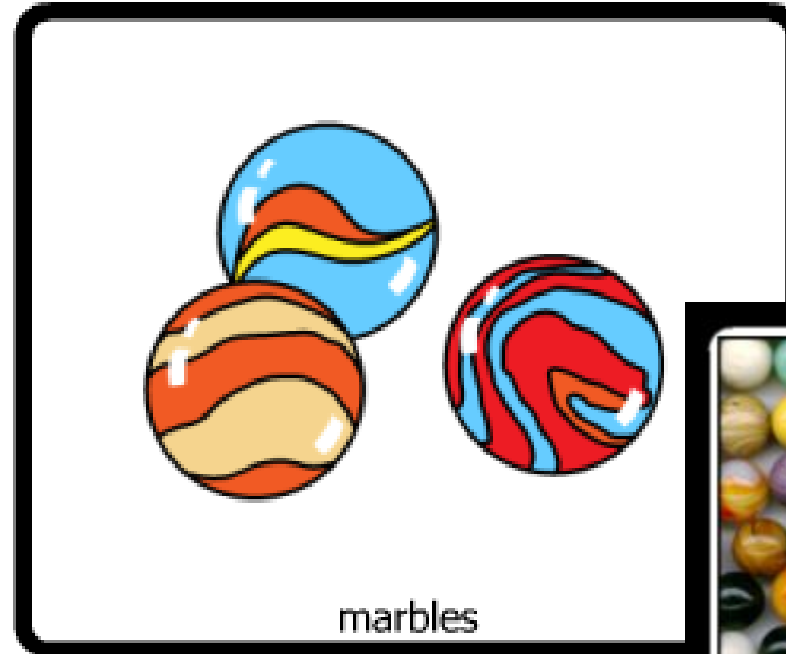
We will make something similar!

Here is a picture of what we will be learning about or doing today....

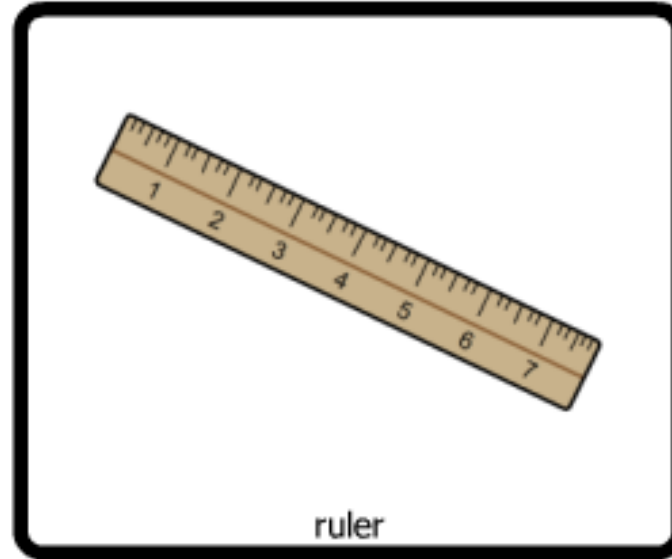


The steps for today's activity are...

2. Count three marbles.



2. Count out 1 ruler



Place one marble on the end of the ruler in its recessed middle.

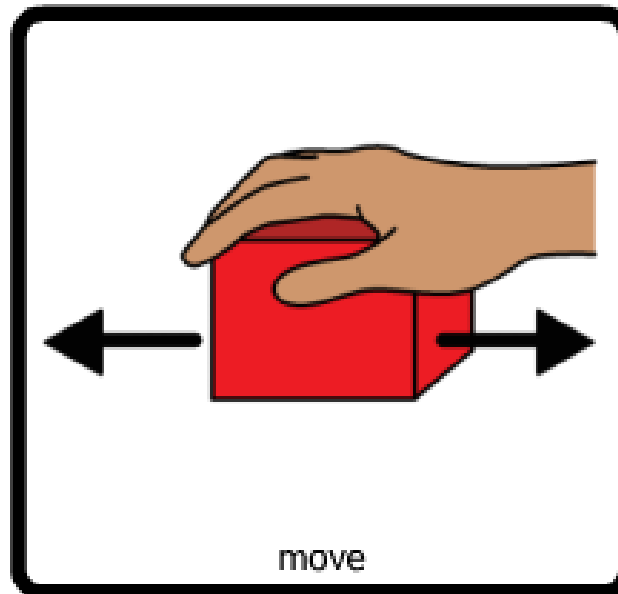
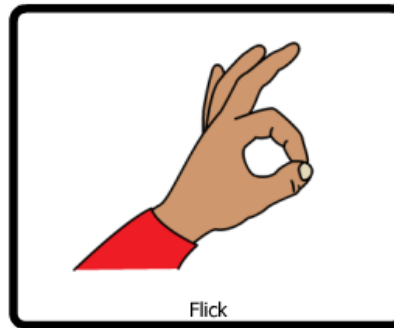


Place two more marbles in the middle; make sure they touch.



Hypothesis:

- What do you think will happen when we flick a marble down into the other marbles?



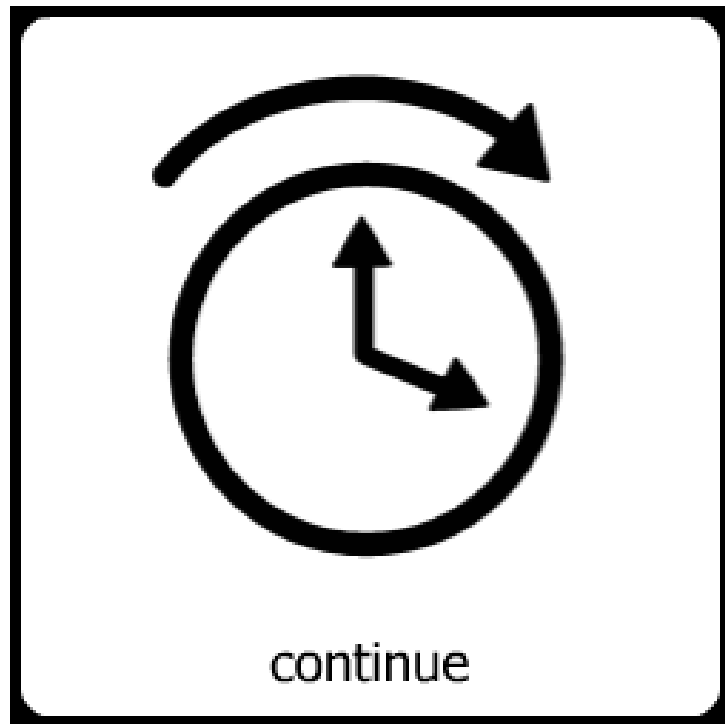
Lets try!



Was your guess right?

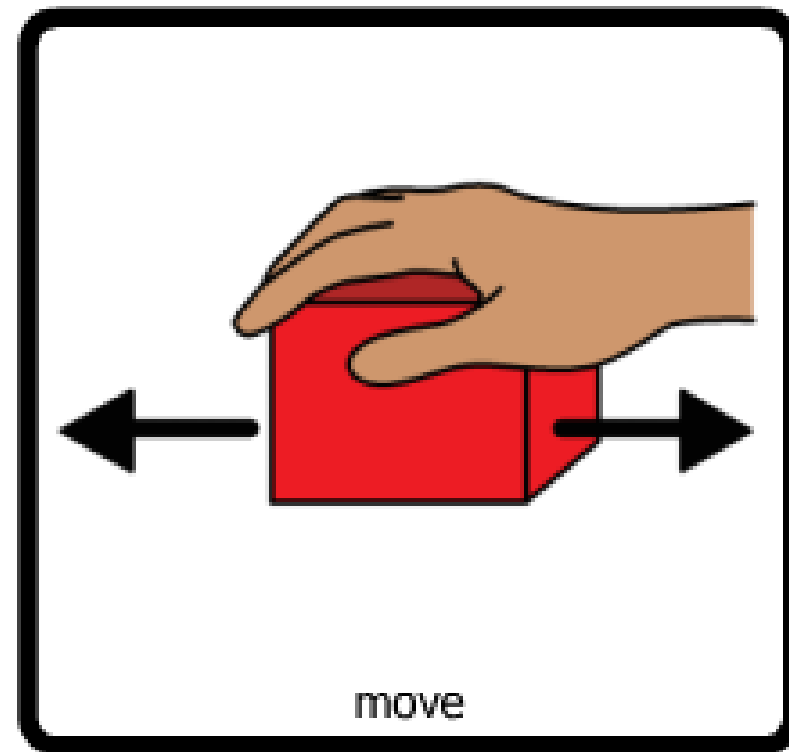


Repeat with more marbles to see what happens!



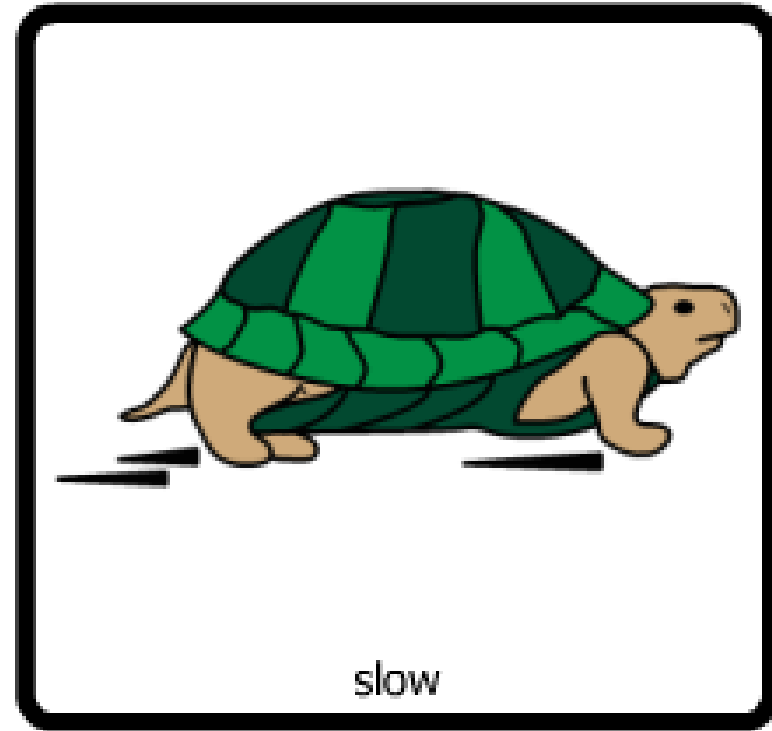
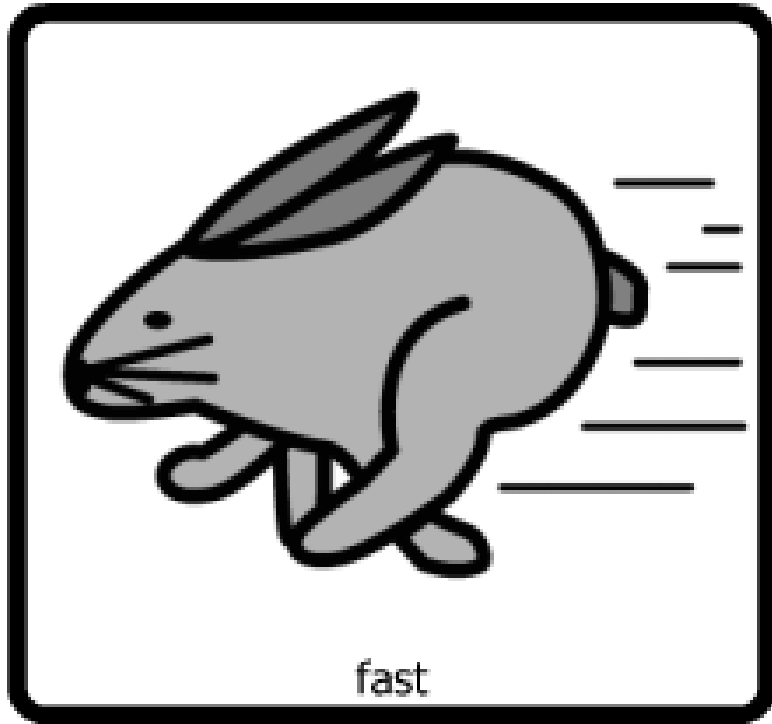
Quiz Questions

What happened to the marbles?



Quiz questions

Did they go fast or slow?



We are ALL DONE!

- Teacher says “_____ is All Done! Time for _____!”
- Teacher says “Everyone check schedule!”
- Teacher changes the classroom schedule.
- Paras will assist individual students with checking schedules.

