Pushing Objects

**What You Need**

- masking tape
- paper
- wood block
- pencil
- paper clips

**Find Out**

Do this activity to see how objects move differently.

**Process Skills**

- Observing
- Predicting
- Measuring
- Communicating

**Time**

- 1 hour to get started
- 10 minutes a day for two weeks
What To Do

1. Use a piece of tape to mark the start.

2. Look at the paper, the wood block, and the pencil. Predict which one will go the farthest when you blow it.

3. Put the crumpled paper at the start. Blow on it.

4. Use a chain of paper clips to measure how far it went.

5. Record on your chart.

6. Do the same with the wood block and pencil.

7. Record on your chart.

8. Each day, choose a new object. Predict how far it will move. Record on your chart.
<table>
<thead>
<tr>
<th>Object Name</th>
<th>Draw the Object</th>
<th>How far did it move?</th>
</tr>
</thead>
<tbody>
<tr>
<td>paper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>wood block</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pencil</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Conclusions

1. Which object moved the farthest? How do you know?

2. Which object moved the least? Why?

New Questions

1. How could you make the objects move farther by blowing?

2. Write a question you still have about how things move.
Big Push, Little Push

Predict which push will move the block farther. Circle your answer.

little push    big push

Little Push

How far did the block move?

Write how many paper clips.  

Color how many paper clips.
Big Push

How far did the block move?

Write how many paper clips.  ________________

Color how many paper clips.

Which push moved the block farther?
Circle your answer.

little push  big push
Using Magnets

Predict which things the magnet will attract.

Draw them in the “Yes” bowl.
Draw the things the magnet attracts.
Activity Journal
Lesson 3 • Making Work Easier

Using a Machine

Can you lift the books with one finger?

Yes  No

Can you lift the books with two fingers?

Yes  No
**Activity Journal**  
**Lesson 3 • Making Work Easier**  

Name ____________________________

**Draw** an arrow by the ruler to show which way your teacher pushed the ruler.

**Draw** an arrow by the books to show which way the books moved.