



Smithsonian
Science Education Center

HOW CAN WE USE PATTERNS TO PREDICT MOTION?
Swing Set Discussion
Smithsonian Science for the Classroom™
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Swing Weight Investigation Data

Lesson 7 Activity Sheet B

Swing Weight Investigation Data

1. Label the right side of the data table.

Swing weight (in grams)	



Investigating Swing Weight

- What is your investigation question?
- Describe any patterns in your data.
- What is your answer to your investigation question?
- How will your investigation help you make a prediction about swing motion?



Investigating Swing Length

- What is your investigation question?
- Describe any patterns in your data.
- What is your answer to your investigation question?
- How will your investigation help you make a prediction about swing motion?

