

HOW FAR CAN I JUMP?

PURPOSE: Children will measure and record how far members of their family/friend can jump.

MATERIALS:

Book Topic: measurement

Measuring materials (rulers, meter sticks, measuring tapes, string, blocks, footsteps, or straws)

Large sheet of paper

PROCEDURE:

1. Record names of members of the family/friend on a large sheet of paper.
2. Select one measuring tool.
3. Have each member predict how far they can jump. Record the predictions.
4. Mark the starting line.
5. Have one member of the family/friend stand on the starting line and jump.
6. Record the length of the jump.
7. Repeat for each member of the family/friend. Use the same method of measurement.
8. Compare the results with the predictions.
9. Select a different measuring device and repeat the experiment. Compare the results.
10. Which measuring device was easier to use? Why?

HOW IT WORKS: We can measure movement using a variety of tools. Some tools for measuring are easier to use than others. Meter sticks, measuring tapes, and rulers provide a standard method of recording distances.

WRITING PROMPT

There are many tools that we can use to measure things.

Think about these tools.

Write about a new tool you invented to measure things.



Parent Signature: _____



**FAMILY SCIENCE PROJECT**

Date: _____

Name: _____

Teacher: _____

Hypothesis (What do you think will happen?)

Date/Observation:

Conclusion: (What you learned or discovered):

*(*You may continue your observation on another sheet. You may want to create a graph to record your data.)*

For the reading portion of Family Science, you may choose to read a book or an article, **OR** you may use the Internet in order to find some background information concerning this Family Science Project. If you read a book or an article, please include the complete title and author. If instead you looked up the information on the Internet, please include the complete website.

We read the following book, **OR** researched the information on the Internet:

Book Title: _____ Author: _____

Complete Website: _____

Writing Prompt (minimum 3 sentences)
