

Inquiring Minds Want To...GROW!!!

Brought to you by your Park Meadows Science and Technology Team

Science Inquiry Process

The Science Inquiry Process is the foundation to discovering the “world” around us. Children are natural explorers...extending this process outside of school will truly benefit your child as well as strengthen the Parent/Child/School relationship. Park Meadows has developed a campus “common language” that each student will hear/experience throughout his/her education. Thus, the common language will provide your child with consistent scientific vocabulary:

Scientific Inquiry Process

Step 1: PROBLEM

Identify the PROBLEM to be tested. Ask a question.

Step 2: HYPOTHESIS

Make a HYPOTHESIS. Predict what you think will happen.

Step 3: MATERIALS and PROCEDURE

Gather your MATERIALS and follow a PROCEDURE. Get what you need and conduct your experiment step-by-step.

Step 4: OBSERVATION

Document your OBSERVATIONS. Write down what you see, smell, hear, feel, or taste.

Step 5: ANALYSIS

Organize and ANALYZE your data. Based on your observations, what did you notice?

Step 6: CONCLUSION

Make CONCLUSIONS and communicate your results. What did your experiment tell you? Create a graph, summarize, or discuss your findings with others.

The following ideas/websites are a few suggestions on how to build upon your child's Science Discovery.

- www.discoveryeducation.com
*explore: “engage” section on homepage-“Discovery Science” link: interactive activities and nonfiction stories read aloud
- <http://kids.nationalgeographic.com/kids/>

*explore: entire website for fun and interesting activities, games, and nonfiction videos

- <http://pbskids.org/zoom/>

*explore: activities from show (science experiments for children of all ages-preschool and up)

- 4 R's/Going Green...encourage your child to "Reduce/Reuse/Recycle/Rethink"...develop a family plan for "Going Green"...