

K – 12 Science Vertical Team Meeting Notes
January 15, 2015

Members

Katy Anich	Hilltop	Penny Baker	Director C&I
Sandra Clifford	Pine Bend	Amanda Cook	IGHMS
Quennel Cooper	Hilltop	Mary Dillon	IGHMS
Carol Ellison	Simley	Lisa Ellison	Pine Bend
Cindy Ford	Salem Hills	Tammy Gingerich	IGHMS
Patti Goettsch	Pine Bend	Jessica Goodwin	Hilltop
Jorge Guiral	Hilltop	Lori Haak	Simley
Michele Haedrich	Salem Hills	Pam Hatlestad	Pine Bend
Rebecca Lippert	Pine Bend	Rachel McLaughlin	Atheneum
Janette Melde	Pine Bend	Timothy Peper	Simley
Rebecca Prall	Simley	Gerald Sakala	Simley
Christina Tucker	Hilltop	Sally Wattrus	Hilltop
Jodi Wendel	IGHMS		

***Bold** – Members in Attendance

I. Review Inquiry Charts

- A. Team members reviewed the charts created over the past year and approved them for distribution.
- B. Secondary team members will be able to distribute at upcoming PLC meetings once Penny has the copies made and laminated.
- C. The team discussed the need to get the charts to elementary staff as soon as possible and at a time when all elementary teachers are together and can hear the same information. Penny will be discussing with the elementary principals if a half hour of time can be allotted on the next Early Release Day, February 13th. Elementary Vertical Team Members will lead the discussion at the staff development when it occurs.
- D. See Attachment 1: Scientific Inquiry Charts K – 12.

II. Vocabulary Alignment Project

- A. The Vertical Team chose a vocabulary alignment project to make K – 12 improvements in science instruction with a goal of improving scaffolding and skill attainment for students so that more students will be in a position to choose an Advanced Placement science course in high school.
- B. Staff members referred to MN State Standards in Science, MCA-III Test Specifications, and resources available on other districts' websites to compile a list of key vocabulary.
- C. Results: The vocabulary list can be found at: <http://bit.ly/1AQRchA>

III. Research/Work Time

- A. Elementary teachers had time to research best practice for English Learners in science, secondary teachers had work time to collaborate with each other (IGHMS and Simley) regarding scaffolding of products/projects to avoid repetitiveness.

IV. Next Steps for the Science Vertical Team

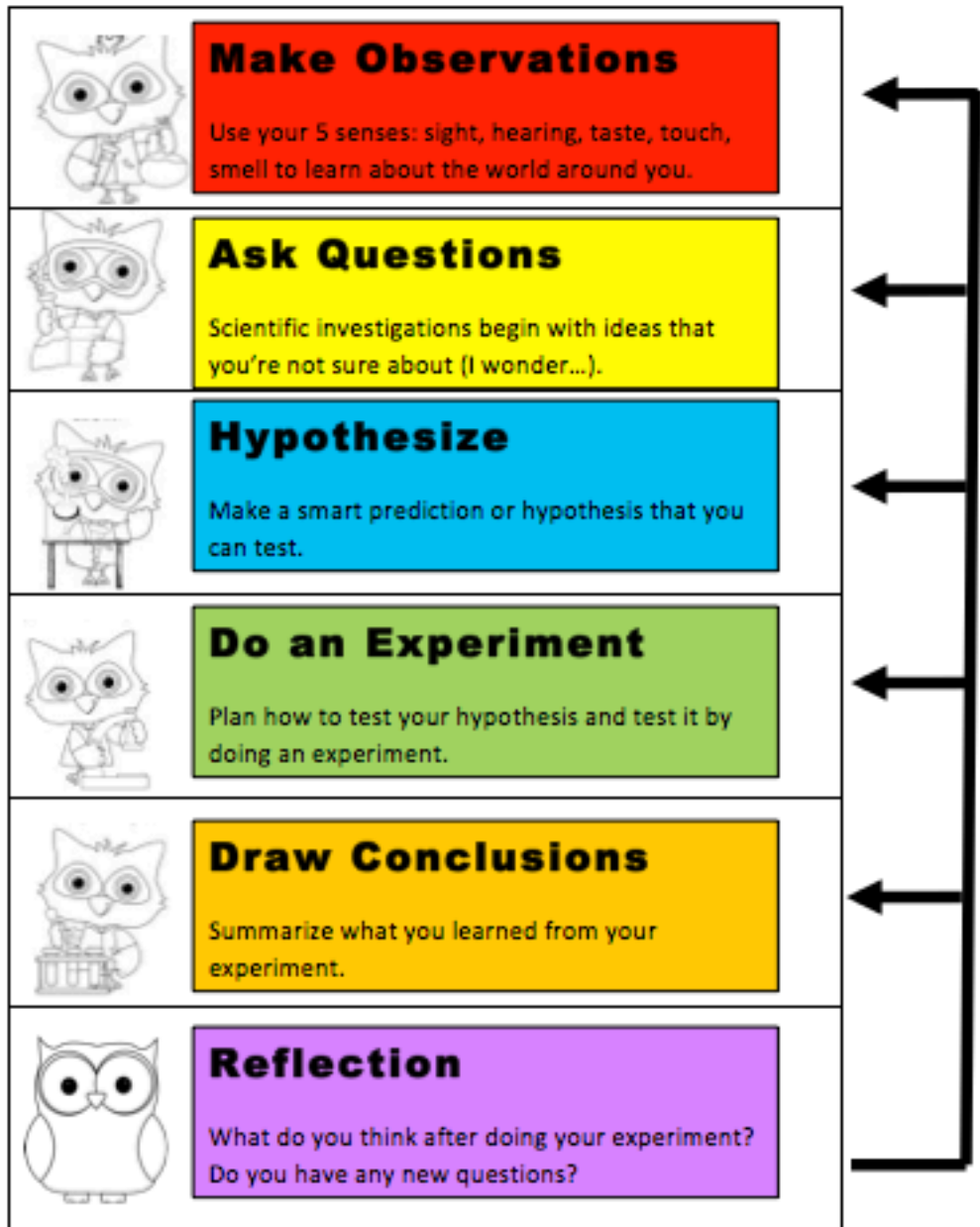
- A. Continue work on Science Vocabulary Lists: Condense, proof, define key terms, decide how to get the list to students and teachers.
- B. Continue working on strategies for improving vocabulary instruction for English Learners. Bring in EL teachers to educate and consult with science team.

V. Wrap-Up

- A. Science vertical team is in a place in the curriculum cycle where meetings should be as needed. There is the potential that the science team may only meet in the fall next year to assess the MCA results.
- B. The next Science Vertical Team Meeting is on March 19 (8 – 11) in the IGHMS Flexible Learning Space.

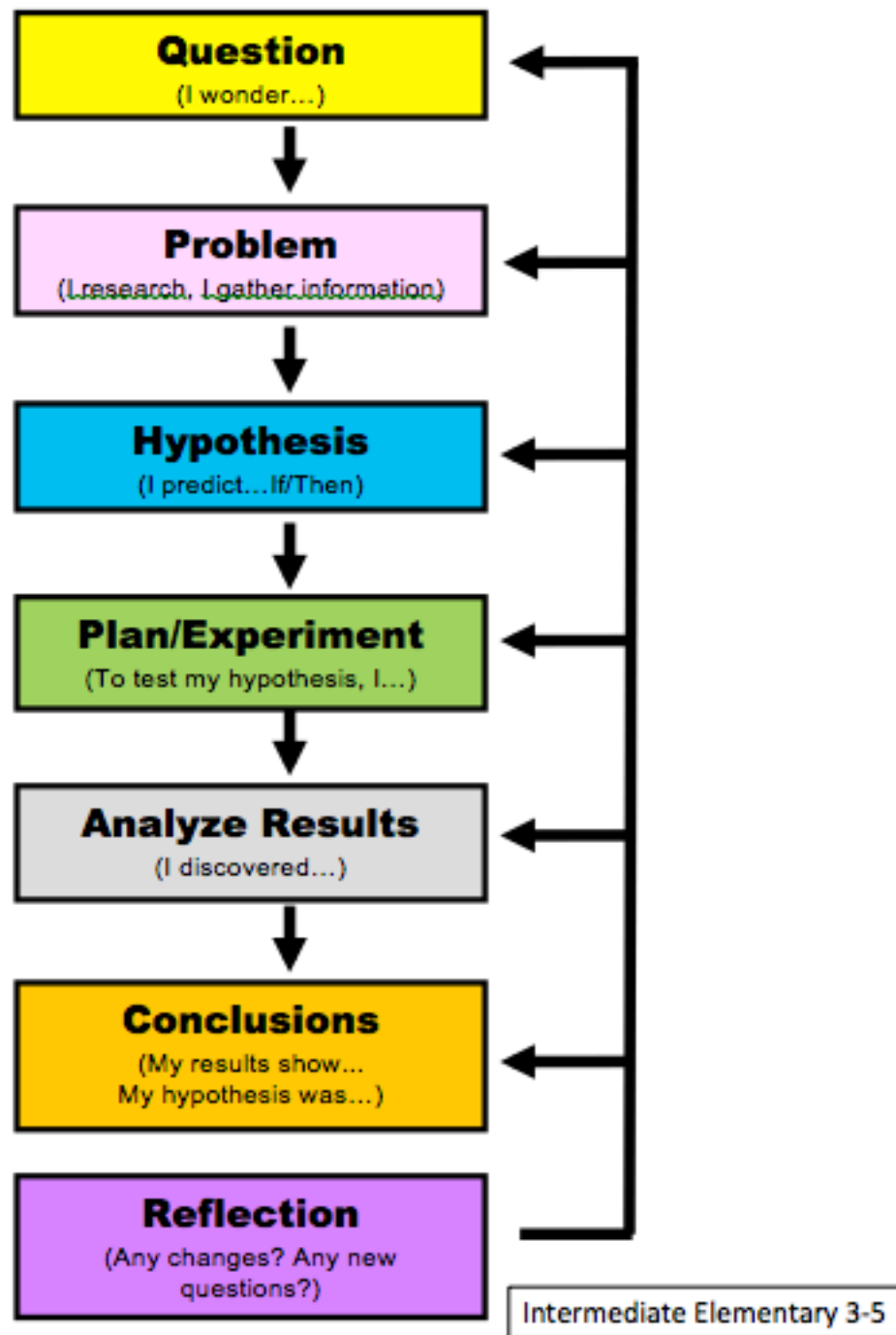
Attachment 1: Scientific Inquiry Charts K - 12

Steps of Scientific Inquiry



Primary Elementary K-2

Steps of Scientific Inquiry



Steps of Scientific Inquiry

