

## Middle School Task Analysis Science Inquiry Lessons

Science Strand: \_\_\_\_\_

Manipulatives: \_\_\_\_\_

<b>What the teacher will do</b>	<b>Materials to Present</b>	<b>What the student will do</b>	<b>Examples of Student Responses</b>
1. Introduce Lesson	Ask a wonder question (e.g., I wonder why my eyes are a different color than myclassmate?)	Interact with materials.	ask questions, touch, look at materials
2. Review Target Vocabulary	Word/picture/object	Read objective statement for lesson.	verbal answer, text point, velcro, stamp circle, eye gaze, AAC
3. Ask "Do you know what this is?"	Present materials	Answers "I know" or "I don't know"	verbal answer, text point, AAC
4. Fill in K "know" on KWHL chart	KWHL Chart	Fill in	verbal answer, touch, velcro, stamp eye gaze, AAC
5. Ask "What do you want to know?"	Present options	Poses question "I want to know"	point, touch, eye gaze
6. Fill in the W "Want to know" on the KWHK chart	KWHL chart	Fill in	verbal answer, touch, velcro, stamp eye gaze, AAC
7. Ask "What do you think will happen in the experiment, What is your prediction?"	Provide options	choose	verbal answer, circle, touch/point, Velcro, stamp
8. Wait for student to initiate response with materials	Materials	Manipulate	Touch, observe
9. Fill in H "How" on KWHL chart	KWHL chart	Fill in	verbal answer, touch, velcro, stamp eye gaze, AAC
10. Conduct Experiment	Materials for experiment	Participate	Touch, observe, stir, pour
11. Read Concept Statement	Concept Statement	Read/text point	Eyegaze, point, switch
12. Fill in L "Learn" on KWHL chart	KWHL chart	Fill in	verbal answer, touch, velcro, stamp eye gaze, AAC
13. Review Experiment Results	Experiment results	Choose	verbal answer, circle, touch/point, Velcro, stamp
14. Summarize Concept	Concept statement	Fill in	verbal answer, circle, touch/point, Velcro, stamp

Project MASTERY      IES Grant#R324A080014      UNC at Charlotte

Created by Bree A. Jimenez.

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<http://education.uncc.edu/access/>

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