**Cognition and General Knowledge**

**Session 9 – Graded Assignment – Science Activity Planning**

**Instructions:** Over the next week, complete this assignment in these steps:

1. Select a game or activity in which you can engage young children in science learning. Some possible sources for inspiration might be activities children frequently do with their families, games that children already enjoy at preschool, and/or a new game or activity that you are excited to try.
2. Complete the Science Activity Planning Form below. Connect the game/activity to specific scientific reasoning sub-domains (i.e. scientific inquiry, reasoning and problem solving.) and to specific child learning goals (i.e. “gather information about a question,” “articulates steps to be taken and lists materials needed for an experiment or experiment”).

**Science Activity Planning Form**

Name of game/activity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Science sub-domain(s) addressed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Age of children: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ How many children can participate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Materials needed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Game rules or activity steps: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are the specific science learning goals of this game/activity? What specific science skills or understanding do you want children to gain from this game/activity?

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**Submit Assignment**

Save changes in the assignment and submit as a file with your last name in the file name.

Use the document for your assignment.

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| **Assignment Rubric** | **Accomplished** | **Emerging** | **Developing** |
| Do  | The assignment is complete and handed in on time. Answers are easy to read and grammatically correct. Answers incorporate information from course where appropriate. Participant successfully chooses and connects a game/activity to specific mathematics sub-domains and to specific child learning goals. | The assignment is complete and handed in on time. Answers may have some grammatical errors. Answers incorporate information from course where appropriate. Participant chooses and connects a game/activity to specific mathematics sub-domains and to specific child learning goals. Some development is needed (instructor to specify). | The assignment is incomplete or may be late. Information from course, readings or videos may not be reflected in the answer. Participant does not successfully choose and connect a game/activity to specific mathematics sub-domains and to specific child learning goals. |
| Instructor’s Comment |  |  |  |