**Cognition and General Knowledge**

**Session 5 – Graded Assignment: Math Activity Plan**

Based on what you learned in this session, create a math activity plan. You will perform and video yourself doing this activity (see next assignment).

Be specific in your planning.

* When and where will you record your video?
* What materials or help from others will you need?
* What math skills does your lesson address?
* Be thoughtful about what children will learn during this lesson. What is the age range of your students? Ensure that your activity is age-appropriate.

Objectives: Check the Mathematics Sub-Domain you will focus on for this plan. Write in the specific objectives for this Sub-Domain.

* Counting and Cardinality : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Operations and Algebraic Thinking: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Measurement: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Geometry and Spatial Sense: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Materials: List the materials you will need for this activity

Mathematize: List the vocabulary, phrases, and questions you will use to support children’s mathematics language development

Activity Directions: Provide a step by step plan for this activity (add steps as needed). Write the directions as though you were directing someone else to do this activity. Be specific and detailed.

1.

2.

3.

4.

How will this activity engage young children in the mathematics sub-domain you listed above? Be specific and detailed.

1.

2.

3.

4.

**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. Participants select a sub-domain and site specific learning objectives within this sub-domain. A complete list of needed materials is provided. Activity instructions are related to objectives, materials, and mathematizing statements. Steps are clear, complete, and could be replicated by another teacher. There is a clear explanation of how this activity, materials, language and steps support the learning objectives. | The assignment is complete and handed in on time. Participants select a sub-domain and site specific learning objectives within this sub-domain. A partial list of needed materials is provided. Activity instructions are somewhat related to objectives. Steps are sometimes clear, but may not be complete or easy for another teacher to replicate. There is a brief explanation of how this activity, materials, language or steps support the learning objectives. | The assignment is incomplete or may be late. Participants select a sub-domain but may or may not identify a specific learning objective related to the sub-domain. A minimal list of needed materials is provided. Activity instructions are not clearly related to objectives. Steps are sometimes clear, but may not be complete or easy for another teacher to replicate. There is a minimal explanation of how this activity, materials, language or steps support the learning objectives. |
| Instructor’s Comment |  |  |  |