

Course Follow-up Activities

Differentiated Instruction in Math – Jody Guarino

Activity 1 - Differentiated Task

Select a math standard from your grade level and create an activity for your students. Next, create two differentiated activities that address the needs of an advanced learner and a struggling learner.

- What are the benefits of differentiated tasks?
- How does your activity support student learning?
- Describe student learning while engaged in these activities.
- Brainstorm additional activities to meet this standard.

Activity 2 - Item Analysis

Give your students a pre-assessment before beginning an instructional unit and chart student data. Analyze the data to answer the following questions:

- What did you learn from your data?
- How can you use whole group, small group, and individualized instruction to best meet the needs of all learners?
- What instructional decisions did you make resulting from your data analysis?
- How can an item analysis improve your teaching and student learning?

Activity 3 - Collaborative Team Analysis

As a collaborative grade-level team, administer an assessment and itemize the data of your grade-level team.

- What are the benefits of team collaboration?
- How can this collaborative experience increase student learning?
- Reflect on this activity.