|  |  |  |
| --- | --- | --- |
| Name: Erica Bach | Subject: Math | Grade: 7 |
| Lesson Title: Choice Board with Surface Area and Volume |
| **Big Idea:** How do I find surface area and volume of a three dimensional figure? |
| Grouping:* Whole group
* Small group
* **Peer partners**
* **Individual**
* Homogeneous
* **Heterogeneous**
 | Differentiation:* Content
* **Process**
* **Product**
 | Student Learner Elements:* Readiness
* Interest
* **Learning Profile**
 |
| **Objectives:**Know: What surface area and volume measure Understand: Filling and wrapping a prismBe Able To: Find surface area and volume of a prism |
| **Pre-Assessment:**Before students choose tasks for this activity, it is important for them to know what their area of intelligence is. To teach students about multiple intelligences and help them assess themselves, we will take an online quiz. Students will find their areas of intelligence, and I will get information about the areas of intelligence represented in my class. |
| **Differentiation Strategy:** This lesson uses a choice board to differentiate for learning profile. Students will be given the opportunity to choose an activity within one of their intelligence, but may choose any activity they wish. Most activities allow students to work individually, but they may choose to work with a partner if they wish. Some activities require students to work with a partner. There is one activity on the choice board that every student must complete. |
| **Activities:**First, students will take the multiple intelligences quiz and we will discuss the results. Next, we will pass out choice boards and discuss options as well as directions. Students will get some time to think about their options and decide if they want to work alone and work with a friend. There is one activity that all students must complete, and they will need to do that before starting their individualized activity.  |
| **Resources:**Self-createdIntelligence survey http://www.bgfl.org/bgfl/custom/resources\_ftp/client\_ftp/ks3/ict/multiple\_int/questions/choose\_lang.cfm |
| **Resources:**Choice BoardsMultiple Intelligences Quiz (online)Computers or tabletsPrism Manipulatives |