

Tiered Lesson Plan Based on Readiness

Grade: 3

Topic: Geometry

Learning Goal:

- Compare two-dimensional shapes and three-dimensional figures and sort them by their geometric properties;
- Describe relationships between two-dimensional shapes, and between two-dimensional shapes and three-dimensional figures;

Pre-Assessment of Learners:

- The majority of the students are at the emergent stage of learning the properties of two-dimensional and three-dimensional shapes
- Two students continue to work on their geometry skills with the assistance of visual aids
- Three students are able to identify properties of geometric shapes, with the assistance of tangible shapes

(Model) New Learning:

On the smart board, introduce students to various geometric properties (faces, vertices, edges). As a class complete a graphic organizer that deconstructs one shape (example: cube). Have students take turns completing one shape deconstruction, and recording it on the smart board.

Consolidation of New Learning in Tiers:

| Tier 1 | Tier 2 | Tier 3 |
|---|--|--|
| Using the tangible shapes, students will work in partners to sort two-dimensional and three-dimensional shapes into two different groups. | Students will work in partners to sort and compare properties of two-dimensional and three-dimensional shapes into the graphic organizer provided. | Students will work in partners to sort and compare properties of two-dimensional and three-dimensional shapes using a graphic organizer of their choice. |

Application of New Learning in Tiers:

| Tier 1 | Tier 2 | Tier 3 |
|---|---|--|
| Students will construct a three-dimensional shape using shape net provided, and orally discuss the properties of the shape. | Students will construct a three-dimensional shape using shape net provided, and record geometric properties of the shape. | Students will create and construct their own three-dimensional shape nets (of their choice), recording all geometric properties. |

Assessment in Tiers:

| Tier 1 | Tier 2 | Tier 3 |
|--|---|---|
| Formative; assessment <i>as</i> learning; observation and anecdotal notes only | Formative; assessment <i>as</i> learning; observation and anecdotal notes only. | Summative; assessment <i>of</i> learning; a summative mark may be given to the shape nets that they have created. |