

GRADE
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Mathematics

Gigglebellies: Monster Trucks Shapes Jump

Curriculum Connection:

Geometry - Shapes and their attributes:

This lesson focuses on **two-dimensional shapes and their attributes**. Students will identify and recognize shapes such as **square, circle, triangle, rectangle, diamond, oval, crescent, octagon, heart, and star**. They will also recall and discuss the number of sides each shape possesses. The hands-on activity using geoboards with elastics enhances their spatial understanding and application of shape knowledge. The PowerPoint presentation reinforces shape recognition and attributes, providing a multisensory approach to geometric concepts.

Learning Goals:

Mathematics:

- Students will identify and recognize common two-dimensional shapes.
- Students will recall the attributes of each shape, including the number of sides.
- Students will apply their knowledge of shapes using geoboards with elastics.



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Materials:



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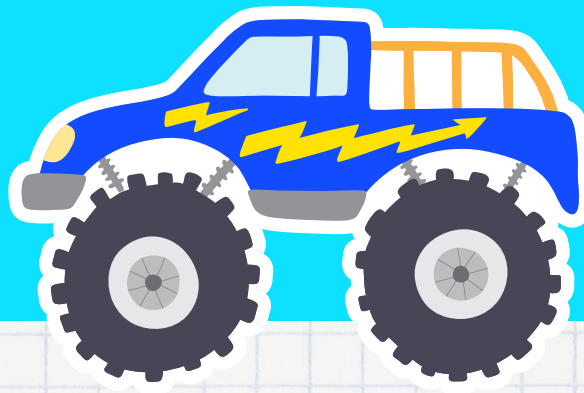
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Lesson Supplies:

- ☒ **Gigglesbellies - S01E14**
Monster Trucks
Shapes Jump
- ☐ **Shapes PowerPoint**
(provided)
- ☐ **Geoboards**
- ☐ **Elastic bands for geoboards**



Lesson:



Introduction

Gather students and refer to their familiarity with basic shapes like squares, circles, and triangles, mentioning previous activities where they encountered these shapes. Set the stage for the day's exploration by revealing the theme: shapes with the help of monster trucks and our friends, the Gigglebells. Highlight that, as shape experts, they are about to discover new and exciting shapes that monster trucks can jump over.

Viewing the Episode:

Show Kidoodle.TV's episode of Gigglebells: "Monster Trucks Shapes Jump"

Ask students to pay attention to the shapes the monster truck jumps over and any information about each shape's attributes. After the video, hold a discussion to identify the shapes and recall their attributes.

[Play episode](#) 

Class Discussion & PowerPoint - Shapes and Attributes:

Using the PowerPoint, review the shapes from the video: Square, Circle, Triangle, Rectangle, Diamond, Oval, Crescent, Octagon, Heart, and Star. On slide 2, ask students for assistance to place the correct shape under its name. On slides 3 and 4, ask students to carefully look at attributes and place the correct attribute under the corresponding shape.

Hands-On Activity - Geoboard Shapes:

Distribute geoboards and elastic bands to each student. Instruct students to use the elastic bands to create the shapes they learned on the geoboards. Encourage them to experiment with different orientations of the shapes and explore how changing the position of the elastics affects the shape.

Closing and Reflection:

Gather students and ask them to share the shapes they created on the geoboards. Discuss any interesting discoveries or challenges they encountered. Commend them for their hands-on exploration and understanding of shapes and their attributes.

Extension:

For additional practice, provide shape worksheets for students to identify and draw different shapes. This extension reinforces their knowledge of shapes and their attributes.

Assessment

Assess students' understanding through their participation in the class discussion, accuracy in identifying shapes and their attributes during class discussions and creativity in using geoboards to create shapes.

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