

# Form vs. Shape

## Summary

Provide students with the knowledge to understand the difference between form and shape and actually design a form from a shape they have created.

## Main Core Tie

Interior Design I

[Strand 3 Standard 1](#)

## Time Frame

2 class periods of 45 minutes each

## Group Size

Individual

## Life Skills

Thinking & Reasoning, Communication

## Materials

Magazines, Note Taker, Play Dough (or) Cloth Napkins

## Background for Teachers

Be familiar with state curriculum info related to shape and form

## Student Prior Knowledge

It's helpful to have students read through the information in the text related to shape and form prior to discussion.

## Intended Learning Outcomes

Students will be able to identify objects as shapes or forms. Students will also design their own shape and create a form from it.

## Instructional Procedures

1. Take a picture of a chair and hold it up and ask the students whether it is a shape or a form. 2. This will begin a discussion on shape and form and is a good time to hand out the note-taker (attached). 3. When discussion is complete, there are three different activities the students can participate in that all have them designing a shape and creating a form from it: a. Play-Dough Art- Give the student a piece of paper and have the draw lines on it and then cover the lines with play-dough. Encourage creativity and hint that the lines of play-dough don't have to be flat. b. Paper Airplane/Cloth Napkin/Oragami- All three of these are great example of a 2-D shape being changed to a 3-D form. c. Chair Design- Students design their own chair out of materials available in the classroom. They design it on paper (the shape) and then the next day in clas they can create the 3-D form out of their desired material. 4. Students should find a picture of a room to represent shape and form and mount it for their state portfolio.

## Strategies for Diverse Learners

The Play-Dough and Paper Air Plane activities are excellent for struggling, less ambitious students and the Chair Design is great for gifted students.

#### Assessment Plan

Questions from lesson are on final test or a quiz and the picture for their state portfolio can be used as an assessment also.

#### Bibliography

State Curriculum

#### Authors

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