

National Aeronautics and Space Administration



load the shuttle



LOAD THE SHUTTLE



Students combine their interest in science with math skills to complete the Load the Shuttle activity.

ACTIVITY OBJECTIVES

- Students will use problem-solving skills to fit as many geometric shapes as possible, without overlapping into a defined space.

MATHEMATICS STANDARDS

Geometry

- Apply transformations and use symmetry to analyze mathematical situations.
- Use visualization, spatial reasoning, and geometric modeling to solve problems.

Problem Solving

- Solve problems that arise in mathematics and in other contexts.





LOAD THE SHUTTLE

Space Cadet _____

Buzz Lightyear is loading his shuttle to head home. Cut out the cargo from the next page and fit it into the cargo hold. Remember, he wants to take home as much as possible and the cargo cannot overlap!



