

## Molecular Shapes Activity

- 1 plate
- 3 marshmallows
- 4 toothpicks

### Objective

- Determine the arrangement of bonds in a molecule

### Activity

- Use marshmallows as a central atom
- Use toothpicks to represent bonds
  
- Try to arrange toothpicks so they are as far away as possible from each other

### Activity

- Try to arrange toothpicks so they are as far away as possible from each other
  
- Situations:
  - A central atom with two bonds
  - A central atom with three bonds
  - A central atom with four bonds