

STANDARDS

PROCESS STANDARDS

Students will be able to...

- Work cooperatively with peers
- Explain their reasoning
- Organize their work
- Evaluate their work and make corrections when necessary
- Demonstrate effective informal communication skills
- Demonstrate effective writing skills
- Demonstrate effective presentation skills

CONTENT STANDARDS

Students will be able to...

- Apply mathematical knowledge to real world situations
- Apply mathematical knowledge to solve problems
- Demonstrate relationships among geometrical concepts
- Create models of geometrical concepts
- Identify and explain relationships between points, lines, and planes
- Identify and explain relationships among angles
- Use deductive reasoning to make valid conclusions
- Identify and explain triangles and their properties
- Identify and explain polygons and their properties
- Analyze relationships among quadrilaterals
- Identify polyhedron
- Find the area of polygons
- Find the surface area and volume of three-dimensional figures