



Designed for busy teachers who want immediate results from TabsMST, this CD includes the video demonstrations and 10 printable lesson plans that cover 28 Ontario Curriculum Expectations.

Lesson Plans

Grade 4

- Build a House
- Create Shapes

Grade 5

- Create Shapes
- Build a Tower

Grade 6

- Create Shapes

Grade 7

- Sketching Views
- Duplicate Objects

Grade 8

- 3D Views
- Re-create a Landmark

Curriculum Expectations

Grade 4 – Lesson Plan 1

- 4m63 – draw and build three-dimensional objects and models.
- 4m67 – use language effectively to describe geometric concepts, reasoning, investigations, and coordinate systems.
- 4m68 – identify the two-dimensional shapes of the faces of three-dimensional figures.
- 4m70 – design and make skeletons (e.g., with straws or toothpicks and marshmallows) for three-dimensional figures.

Grade 4 – Lesson Plan 2

- 4m70 – Design and make skeletons (e.g., with straws or toothpicks and marshmallows) for three-dimensional figures.
- 4m79 – Discuss geometric concepts with peers and explain their understanding of the concepts.
- 4m80 – Discuss ideas, make connections, and articulate hypotheses about geometric properties and relationships.

Grade 5 – Lesson Plan 1

- 5m65 – identify, describe, compare, and classify geometric figures.
- 5m66 – draw and build three-dimensional objects and models.
- 5m67 – explore transformations of geometric figures.
- 5m71 – identify nets for a variety of polyhedra from drawings while holding three-dimensional figures in their hands.
- 5m73 – sketch the faces that make up a three-dimensional figure by looking at a three-dimensional figure.

Grade 5 – Lesson Plan 2

- 5m66 – draw and build three-dimensional objects and models.
- 5m72 – construct nets of cubes and pyramids using a variety of materials.

Grade 6 – Lesson Plan 1

- 6m64 – identify, describe, compare, and classify geometric figures.
- 6m65 – draw and construct three-dimensional geometric figures from nets.
- 6m67 – explore transformations of geometric figures.
- 6m68 – understand, apply, and analyse key concepts in transformational geometry using concrete materials and drawings.
- 6m70 – identify nets for a variety of polyhedra from drawings by visualizing the two-dimensional faces of the three-dimensional figures.

Grade 7 – Lesson Plan 1

- 7m42 – develop the formula for finding the surface area of a rectangular prism using nets.
- 7m48 – identify, draw, and construct three-dimensional geometric figures from nets.
- 7m50 – explore transformations of geometric figures.
- 7m53 – recognize the front, side, and back views of three-dimensional figures.
- 7m54 – sketch front, top, and side views of three-dimensional figures with or without the use of a computer application.
- 7m56 – build three-dimensional figures and objects from nets.

Grade 7 – Lesson Plan 2

- 7m55 – sketch 3D objects from models and drawings.

Grade 8 – Lesson Plan 1

- 8m61 – recognize three-dimensional figures from their top, side, and front views.

Grade 8 – Lesson Plan 2

8m62 – sketch and build representations of three-dimensional figures (e.g., nets, skeletons) from front, top, and side views.