

MODULE

CADD

- Explore engineering and architectural drafting with the use of a CADD software.
- Use CADD software to become familiar with the language of drafting.
- Complete a mechanical drawing with the use of a CADD software.
- Complete an architectural drawing with the use of a CADD software.

SESSION FOCUS

- 1 Introduction to CADD
- 2 Dimensioning and Multiview Drawings
- 3 Multiview Drawings
- 4 Cutaway Drawings
- 5 Architectural Drawings
- 6 Floor Plan
- 7 Creating a Floor Plan

Dear Parent,

As parents and teachers, we realize it can be hard to get a child to discuss what he or she is learning in school. We hope the information provided on this page will assist you in communicating with your child about what he or she is learning.

Your participation in the learning process is extremely important, as you are your child's best teacher.

For the next few days, your child will be learning about the fundamentals of drafting through the use of computer aided drafting and design (CADD) software while completing the CADD Module.

Words students will learn in this Module include:

- angle
- diameter
- dimension
- drafting
- horizontal lines
- object lines
- orthographic projection
- parallel lines
- perpendicular lines
- radius

Questions for Discussion

During the course of this Module, your child will be assessed on key concepts and activities. You might want to discuss these concepts and activities with your child. He or she will be asked to:

- Define the term CADD. *(Either Computer-Aided Drafting and Design or Computer-Aided Design and Drafting.)*
- Explain the phrase "orthographic projection." *(An orthographic projection shows the pattern created if a light were shone through the object from the direction indicated by the view's name.)*
- Explain how to determine the dimensions of a room from information on a floor plan. *(Have your child explain how to determine the size of a room by using information on a floor plan or using information from other rooms.)*

Student: \_\_\_\_\_

Parent: \_\_\_\_\_