



Part 2: Technology and Tools

Dear Parent:

After completing Part 2, your child will know that technology surrounds us. Technology includes simple devices such as pencils and complex machines such as computers.

Your child will also learn a method of finding solutions to problems called the design process. This process includes:

- Identifying a problem and a solution
- Planning and drawing ideas
- Choosing the materials to use
- Making and testing a prototype
- Recording and sharing what you did

Finally, your child will develop an understanding of different simple machines, and how some of these “machines” are also found in nature.



At-Home Labs

You may wish to do the following lab at home with your child. It is easy and fun!

Different Designs Find out about two kinds of shoes. What are the shoes used for? Tell how the designs are different.

Vocabulary Smart Cards

Your child will learn these vocabulary words:

goal
invent
material

simple machine
technology

Help your child make these words a part of his or her vocabulary by using them when you talk together about technology and tools. You may wish to use your child’s Vocabulary Smart Cards to play a memory game. Ask your child to use each word in a sentence.

To learn more about *Interactive Science* and to see how your child is progressing through the program, go to PearsonRealize.com.