

Don't go crazy preparing for the test!
Building Blocks of Science I 3D includes **four ways to keep you on track.**



Building Blocks
OF SCIENCE™ | **3D**

Building Blocks of Science I 3D offers more than 900 digital resources to help students prepare for the 5th grade CAST from Kindergarten through 5th grade.

1. Simulations

127 simulations provide students opportunities to:

- Practice interacting with digital resources that align with the CAST format
- Manipulate variables, analyze results, and provide explanations to demonstrate and build understanding



Interactive Features:

- Play, pause, rewind
- Animation
- Videos
- Audio

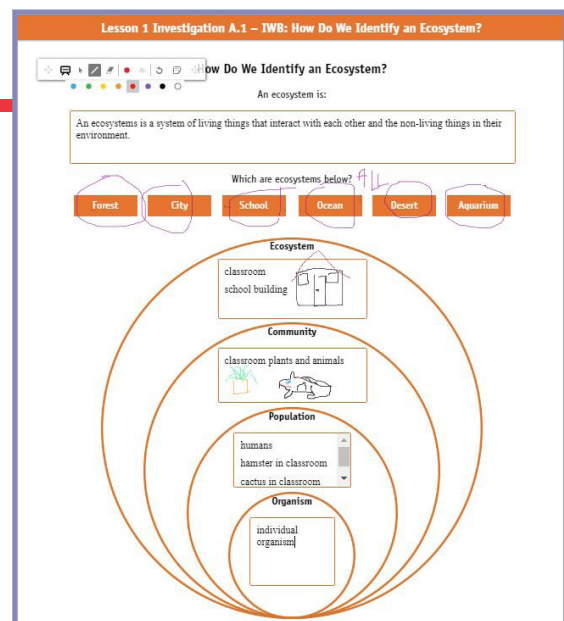
2. Interactive Whiteboard Activities

115 whiteboard activities provide students opportunities to:

- Type, draw, and write on their devices
- Go back to review or build upon science concepts

Interactive Features:

- Writing
- Drawing
- Typing





3. Interactive Student Readers

174 pages provide students opportunities to:

- Interact with simulations, drag and drop, matching, and drawing
- Demonstrate understanding of a reading selection by responding to embedded content-specific questions

Interactive features:

- Drag and drop
- Matching
- Videos
- Simulations
- Audio
- Multi-answer
- Typing

Technology

Think about the things you use every day, such as food products, electronic equipment, and clothing. Many of these items are produced using modern technology. **Technology** is anything that makes work easier and more efficient. But technology comes with consequences. One of those is trash. Much trash is put in landfills. Some trash is natural, such as food waste, and decomposes quickly.

But other trash, like electronics and plastics, takes hundreds of years to decompose. Hazardous waste can seep into the environment, harming living organisms.

Cell phones, televisions, radios, and computers create electronic waste that harms the environment.

CrossCutting Concept

Think about the products you use every day and the foods you eat. What materials are the products made from? Where does the food that you eat come from?

My food comes from our garden and animals. Our soup cans are made out of metal. Our cereal box is made out of plastic and paper. My bubble bath is in a plastic.

Sort the garbage.

4. Scenario-based Summative Assessments

92 assessment items provide students opportunities to:

- Practice responding to questions that align with the CAST format
- Respond to varied question formats: draw, match, drag and drop, multiple choice, short answer, fill-in-the-blank, open-ended

Interactive Features:

- Drag and drop
- Matching
- Drawing
- Typing

Scenario 1

Ed and Xavier explore a nearby pond. They observe that plants surround the outside of a pond. There are also lily pads, which are plants that sit on top of the water.

Question 4

Organize the following into their categories:

Rocks | Air | Rain | Insects | Trees

| | | | |
|-----------|-----------|-------------|------------|
| Biosphere | Geosphere | Hydrosphere | Atmosphere |
| Frogs | Soil | Pond | Wind |