

Online Reference Guide


Welcome to Building Blocks of Science | 3D Digital Edition

Access the full digital version of Building Blocks of Science | 3D at www.carolina.com/bbs3dreview

To navigate this website, use the chart below. A tutorial video is available at <https://bcove.video/2v9cXAv>

TO NAVIGATE TO:

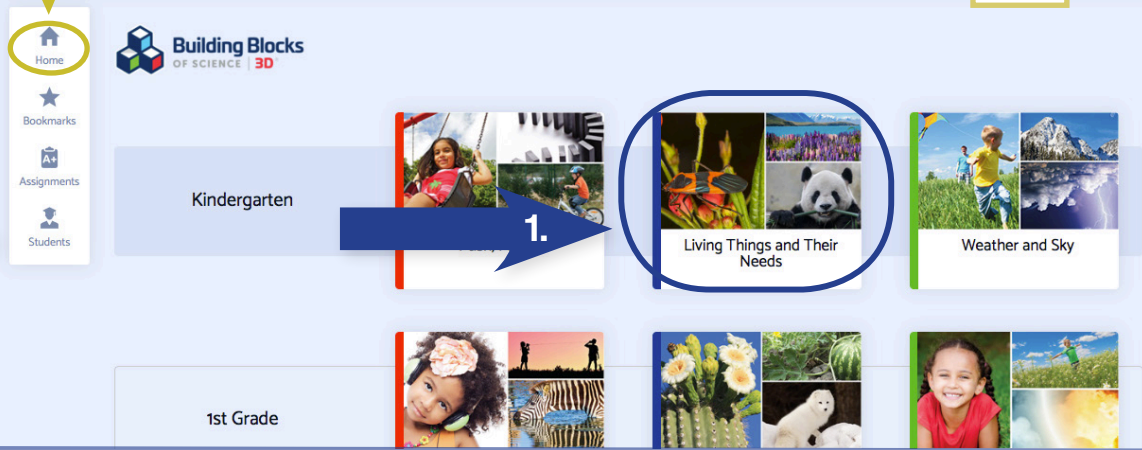
Return to the beginning at any time by clicking the *Home* button



Home

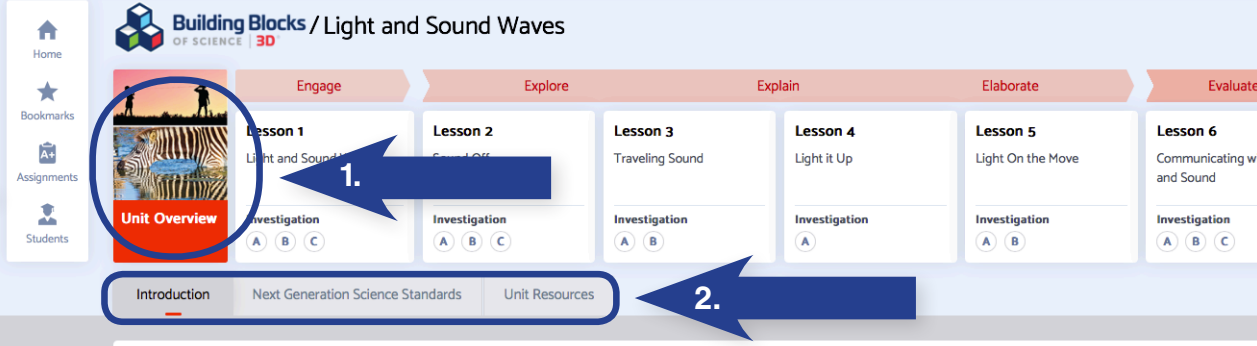
The grade-level unit you'd like to review, click on:

- Unit title



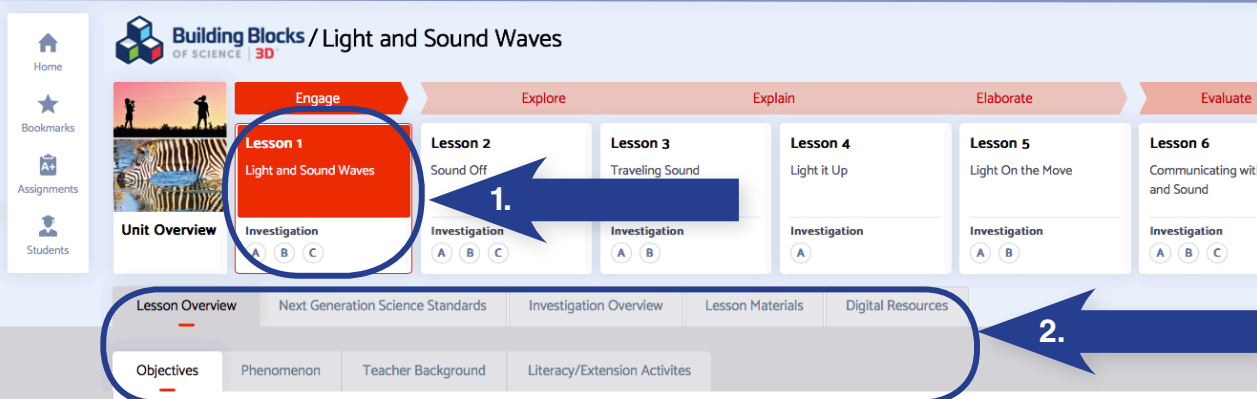
The big picture of a unit, click on:

- Unit Overview
- Each tab for information about the unit, standards, and resources



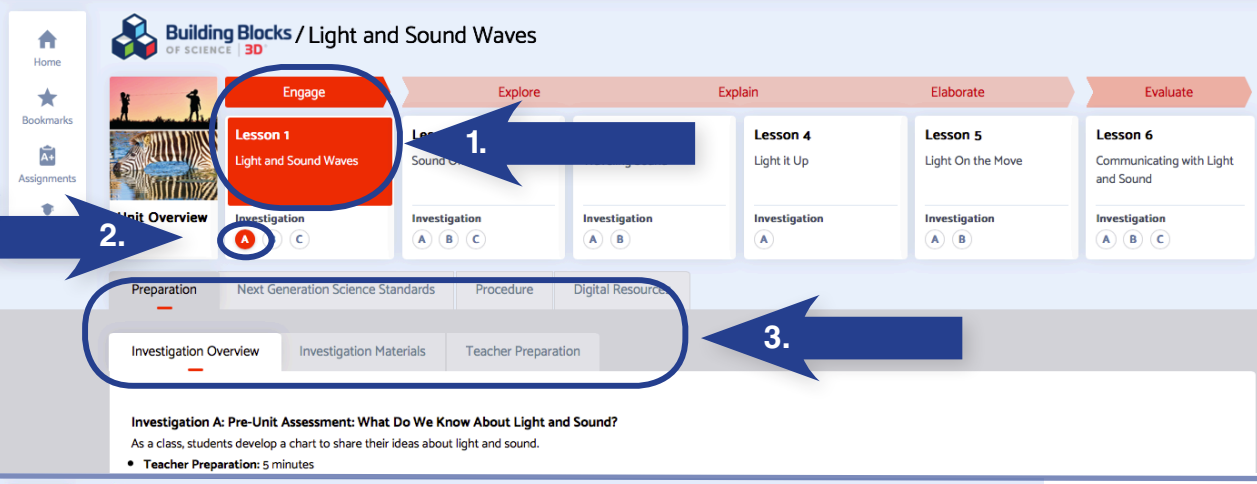
Individual lessons, click on:

- Lesson number (L1)
- Each tab for information about instruction



The investigations within a lesson, click on:

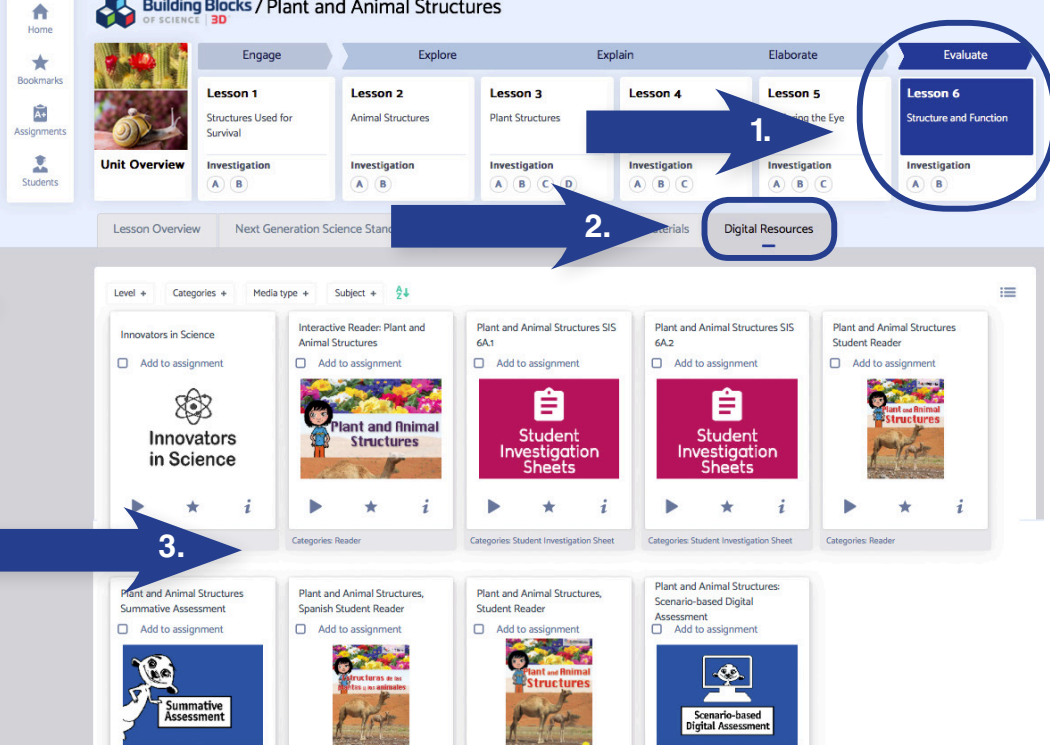
- Lesson number (L1)
- Investigation letter (INV A)
- Each tab for information about materials, standards, preparation, procedure, and resources



The digital resources for a lesson, click on:

- Lesson number (L1)
- Digital Resources tab
- Individual resources:

- Student Investigation Sheets (SIS)
- Simulations (SIM)
- Interactive Whiteboards (IWB)
- Innovators in Science (IIS)
- Literacy Readers (LR)
- Summative Assessments (SA)
- Scenario-based Assessments (SBA)



TO NAVIGATE TO:

Need technical support? Contact Russ Pope at russ.pope@carolina.com or 336-538-6321

Teaching resources, **click on:**

1. Unit Overview
2. Unit Resources
3. Teaching Resources
4. Teacher Sheets
5. Science in the News
6. Literacy Articles (LA)

Building Blocks / Light and Sound Waves

Engage Explore Explain Elaborate Evaluate

Lesson 1 Lesson 2 Lesson 3 Lesson 4 Lesson 5 Lesson 6

Unit Overview Investigation Investigation Investigation Investigation Investigation Investigation

Introduction Next Generation Science Standards Unit Resources

Teaching Resources

- Implementing Building Blocks of Science
- Safety Contract
- Evidence of Scaffolding
- Unit Overview/Lessons at a Glance Charts
- Materials List
- Appendix A: General Rubric
- Appendix B: Literacy Connections
- Science in the News
- Appendix C: Glossary
- Student Investigation Sheets BLM
- Literacy Articles
- Teacher Sheets
- Summative Assessment

(Click to Download PDF)

Phenomena and the phenomena video, **click on:**

1. Lesson number (L1)
2. Lesson Overview
3. Phenomenon tab
4. Read the Anchoring Phenomenon, then scroll down to launch the Phenomena Video

Building Blocks / Light and Sound Waves

Engage Explore Explain Elaborate Evaluate

Lesson 1 Lesson 2 Lesson 3 Lesson 4 Lesson 5 Lesson 6

Unit Overview Investigation Investigation Investigation Investigation Investigation Investigation

Next Generation Science Standards Investigation Overview Lesson Materials Digital Resources

Objectives Phenomenon Teacher Preparation Literacy/Extension Activities

ANCHORING PHENOMENON

Humans are constantly communicating, or gathering and sharing information about the world around us. From birth, we are inundated with visual and audible messages. Technology such as telephones, and the Internet help us communicate over long and short distances. Even our methods of transportation and safety depend on various forms of communication involving sound and light.

Tell Me More (TMM) formative assessments, **click on:**

1. Lesson number and Investigation letter (L4, INV A)
2. Procedure
3. Classroom Introduction tab, then scroll to the bottom to launch Tell Me More!

Building Blocks / Plant and Animal Structures

Engage Explore Explain Elaborate Evaluate

Lesson 1 Lesson 2 Lesson 3 Lesson 4 Lesson 5 Lesson 6

Unit Overview Investigation Investigation Investigation Investigation Investigation Investigation

Preparation Next Generation Science Standards Procedure Digital Resources

Classroom Introduction Assessment Strategies

Tell Me More!

Plant and Animal Structures: Lesson 4 Investigation A

Categories: Tell Me More Questions

Assessment Strategies, **click on:**

1. Lesson number and Investigation letter (L4, INV A)
2. Procedure
3. Assessment Strategies tab

Building Blocks / Plant and Animal Structures

Engage Explore Explain Elaborate Evaluate

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Unit Overview Investigation Investigation Investigation Investigation Investigation Investigation

Preparation Next Generation Science Standards Procedure Digital Resources

Classroom Introduction Assessment Strategies

Extensions, **click on:**

1. Lesson number (L1)
2. Literacy/Extension Activities tab (EXT)

Building Blocks / Plant and Animal Structures

Engage Explore Explain Elaborate Evaluate

Lesson 1 Lesson 2 Lesson 3 Lesson 4 Lesson 5 Lesson 6

Unit Overview Investigation Investigation Investigation Investigation Investigation Investigation

Next Generation Science Standards Investigation Overview Lesson Materials Digital Resources

Objectives Phenomenon Teacher Preparation Literacy/Extension Activities

Literacy Components

Take-Home Science, **click on:**

1. Lesson number (L4)
2. Investigation letter (INV B)
3. Preparation
4. Teacher Preparation
5. Click to Download PDF

Building Blocks / Push, Pull, Go

Engage Explore Explain Elaborate Evaluate

Lesson 1 Lesson 2 Lesson 3 Lesson 4 Lesson 5

Unit Overview Investigation Investigation Investigation Investigation Investigation

Preparation Next Generation Science Standards Procedure Digital Resources

Investigation B

1. Make one copy of Student Investigation Sheet 4B: How Can I Make a Push or Pull? for each student. (Click to Download PDF)