

Amplify Science

Standard Curriculum Relaunch / Guided Planning

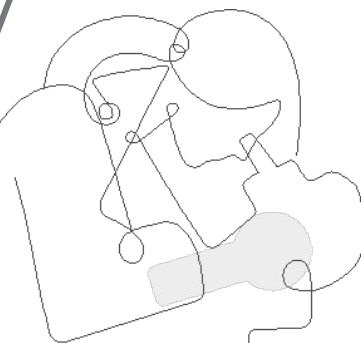
Grade 1, Unit 2: Light and Sound

Part 1

School/District Name: LAUSD

Date: November, 2021

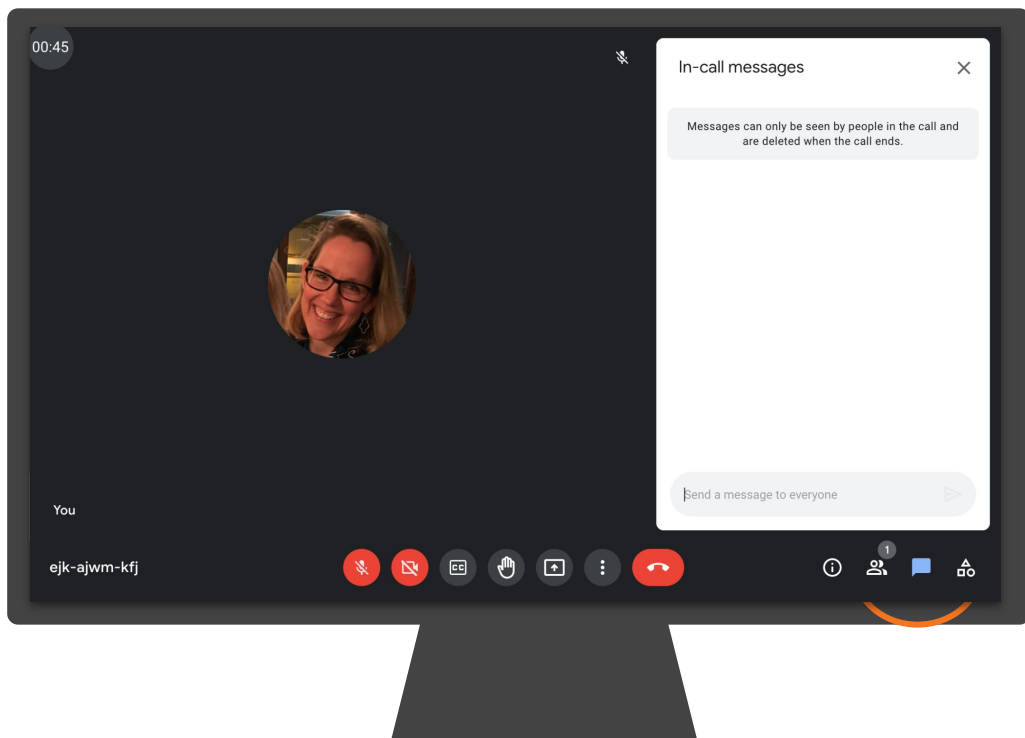
Presented by:



Ice Breaker!

Who do we have in the room today?

- **Question 1:** Which aspects of implementing the Amplify Science standard curriculum are you most excited or hopeful about?
- **Question 2:** What do you feel most hesitant about?



Amplify's Purpose Statement

Dear teachers,

You do a job that is nearly impossible and **utterly essential**.

We are in your corner – extending your reach, saving you time, and enhancing your understanding of each student.

Thank you for working with us to craft rigorous and riveting learning experiences for your classroom.


We share your goal of **inspiring all students to think deeply, creatively, and for themselves**.

Sincerely,
Amplify

Norms: Establishing a culture of learners


- **Take risks:** Ask any questions, provide any answers.
- **Participate:** Share your thinking, participate in discussion and reflection.
- **Be fully present:** Unplug and immerse yourself in the moment.
- **Physical needs:** Stand up, get water, take breaks.

Last year's Amplify apps.



[About Los Angeles Unified](#)
[Find a School](#)
[Offices](#)
[Classic View](#)


LOS ANGELES UNIFIED SCHOOL DISTRICT



[mCLASS Student](#)

Content Area: ELA
Grade Level: ES
Content Type: Assessment
Integration Type: App (Left Navigation)
Purchase Type: District
[Getting Started Guide](#)
Other Info: App to be installed for all course members.


Vendor Support Desk:
 P: 800.823.1969
 E: help@amplify.com
 S: amplify.com/support/
Textbook Title(s):
 NA



[mCLASS Assessment](#)

Content Area: ELA
Grade Level: ES
Content Type: Assessment
Integration Type: App (Left Navigation)
Purchase Type: District
[Getting Started Guide](#)
Other Info: App to be installed for Course Admins only


Vendor Support Desk:
 P: 800.823.1969
 E: help@amplify.com
 S: amplify.com/support/
Textbook Title(s):
 NA



[mCLASS Portal](#)


Content Area: ELA
Grade Level: ES
Content Type: Assessment
Integration Type: App (Left Navigation)
Purchase Type: District
[Getting Started Guide](#)
Other Info: App to be installed for Course Admins only

Vendor Support Desk:
 P: 800.823.1969
 E: help@amplify.com
 S: amplify.com/support/
Textbook Title(s):
 NA



LOS ANGELES UNIFIED

COURSES



Course Options

Materials

Updates

Gradebook

Grade Setup

Mastery

Amplify Reading: Teac...

Amplify Science: Eleme...


Amplify Science: Middl...

mCLASS Portal

mCLASS Student




This year's app(s).



LOS ANGELES UNIFIED SCHOOL DISTRICT

About Los Angeles Unified Find a School Offices Classic View



LOS ANGELES UNIFIED SCHOOL DISTRICT

About Los Angeles Unified Find a School Offices Classic View Families Employees

COURSES GROUPS RESOURCES TOOLS

Back to Schoology Home Page

LMS App Center

The LMS App Center provides a catalog of District-approved digital content and learning tools (including digital components of adopted textbooks) that are available for classroom teachers and students to access within the learning management system, Schoology.


For information on District-approval policies and procedures, please visit: udpp.lausd.net.

- To search the full list of digital learning tools, click "Submit".
- To search by Publisher Name or Textbook Title, type in a word associated to your adopted publisher, then click "Submit".
- To narrow your search with filters such as Content Area, Grade Level, or Content Type, select from the dropdown menu, then click "Submit".


To learn more about using the LMS App Center, please refer to the following [video overview](#).

Search Again

All Amplify Products



Grade Sync for MS Science




LMS App Center

The LMS App Center provides a catalog of District-approved digital content and learning tools (including digital components of adopted textbooks) that are available for classroom teachers and students to access within the learning management system, Schoology.

For information on District-approval policies and procedures, please visit: udpp.lausd.net.

- To search the full list of digital learning tools, click "Submit".
- To search by Publisher Name or Textbook Title, type in a word associated to your adopted publisher, then click "Submit".
- To narrow your search with filters such as Content Area, Grade Level, or Content Type, select from the dropdown menu, then click "Submit".

To learn more about using the LMS App Center, please refer to the following [video overview](#).

Publisher Name Starts With 

Content Area All

Grade Level All

Content Type All

Textbook Title Starts With

Submit

LMS App Center

The LMS App Center provides a catalog of District-approved digital content and learning tools (including digital components of adopted textbooks) that are available for classroom teachers and students to access within the learning management system, Schoology.


For information on District-approval policies and procedures, please visit: udpp.lausd.net.

- To search the full list of digital learning tools, click "Submit".
- To search by Publisher Name or Textbook Title, type in a word associated to your adopted publisher, then click "Submit".
- To narrow your search with filters such as Content Area, Grade Level, or Content Type, select from the dropdown menu, then click "Submit".

To learn more about using the LMS App Center, please refer to the following [video overview](#).

[Search Again](#)


Amplify



Content Area: ELA
Grade Level: ES
Content Type: Supplemental
Integration Type: App (Left Navigation)
Purchase Type: District and School
[Getting Started Guide](#)
Other Info: School licenses required
mCLASS
CKLA
Amplify Reading
Amplify Science
Fractions

Vendor Support Desk:
P: 800.823.1969
E: help@amplify.com
S: amplify.com/support/
Textbook Title(s):
NA

Amplify Classwork



Content Area: ELA
Grade Level: ES
Content Type: Supplemental
Integration Type: App (Left Navigation)
Purchase Type: District and School
[Getting Started Guide](#)
Other Info: School licenses required. This app is for teacher use only (install for Course Admins only)

Vendor Support Desk:
P: 800.823.1969
E: help@amplify.com
S: amplify.com/support/
Textbook Title(s):
NA

 mCLASS Educators: To view or make changes to your account go to mclass.amplify.com.

Hi, Terin

Classes

Programs & Licenses

Account Settings

Help Center 



[CKLA Hub](#)



[CKLA Resource Site](#)



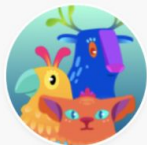
[mCLASS Assessment](#)



[mCLASS Reporting](#)



[Reading 6-8](#)



[Reading K-5](#)



[Science](#)



[Vocabulary](#)



Amplify. on Schoology

2021-2022

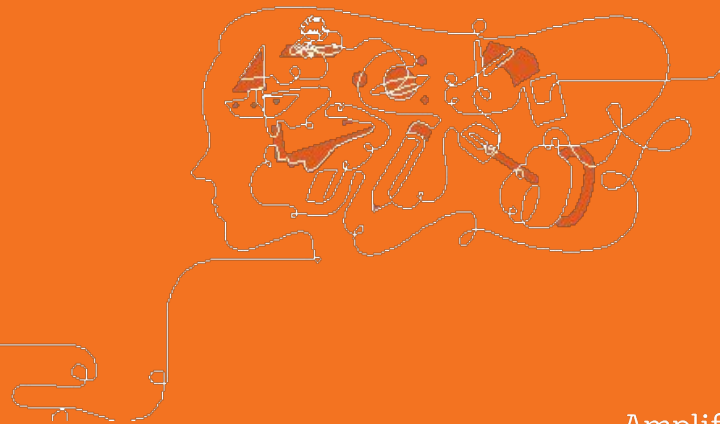


Join Amplify Science Schoology Group

To join Amplify Science Schoology
ES Group: W4PK-W466-63F5B

Part 1:

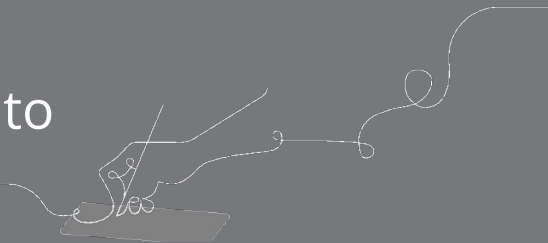
Amplify Science Standard Curriculum Relaunch



Overarching goals

By the end of this workshop, you will be able to:

- ❑ Navigate the full Amplify Science standard curriculum.
- ❑ Understand the program's phenomenon-based approach.
- ❑ Apply the program essentials to prepare to teach.





Plan for the day: Part 1

- Introduction and Framing
- Phenomenon-based Instruction
- Program Essentials
- Closing



Plan for the day: Part 1

- **Introduction and Framing**
- Phenomenon-based Instruction
- Program Essentials
- Closing



THE LAWRENCE
HALL OF SCIENCE
UNIVERSITY OF CALIFORNIA, BERKELEY

+

Amplify.

Amplify Science

Next Generation Science Standards



Disciplinary Core Ideas

What students figure out

Science and Engineering Practices

How students figure out the science

Crosscutting Concepts

The habits of thinking that help students organize information

Course curriculum structure

Grade K

- Needs of Plants and Animals
- Pushes and Pulls
- Sunlight and Weather

Grade 1

- Animal and Plant Defenses
- Light and Sound
- Spinning Earth

Grade 2

- Plant and Animal Relationships
- Properties of Materials
- Changing Landforms

Grade 3

- Balancing Forces
- Inheritance and Traits
- Environments and Survival
- Weather and Climate

Grade 4

- Energy Conversions
- Vision and Light
- Earth's Features
- Waves, Energy, and Information

Grade 5

- Patterns of Earth and Sky
- Modeling Matter
- The Earth System
- Ecosystem Restoration

Key takeaways:

- There are 22 lessons per unit
- Lessons at grades K-1 are 45 minutes long

Year at a Glance: Grade 1

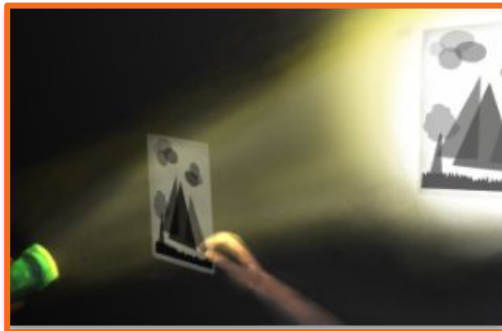


Animal and Plant
Defenses

Domain: Life Science

Unit type: Modeling

Student role: Marine
Scientist



Light and Sound

Domain: Physical Science

Unit type: Engineering
Design

Student role: Light and
Sound Engineer



Spinning Earth

Domain: Earth and Space
Science

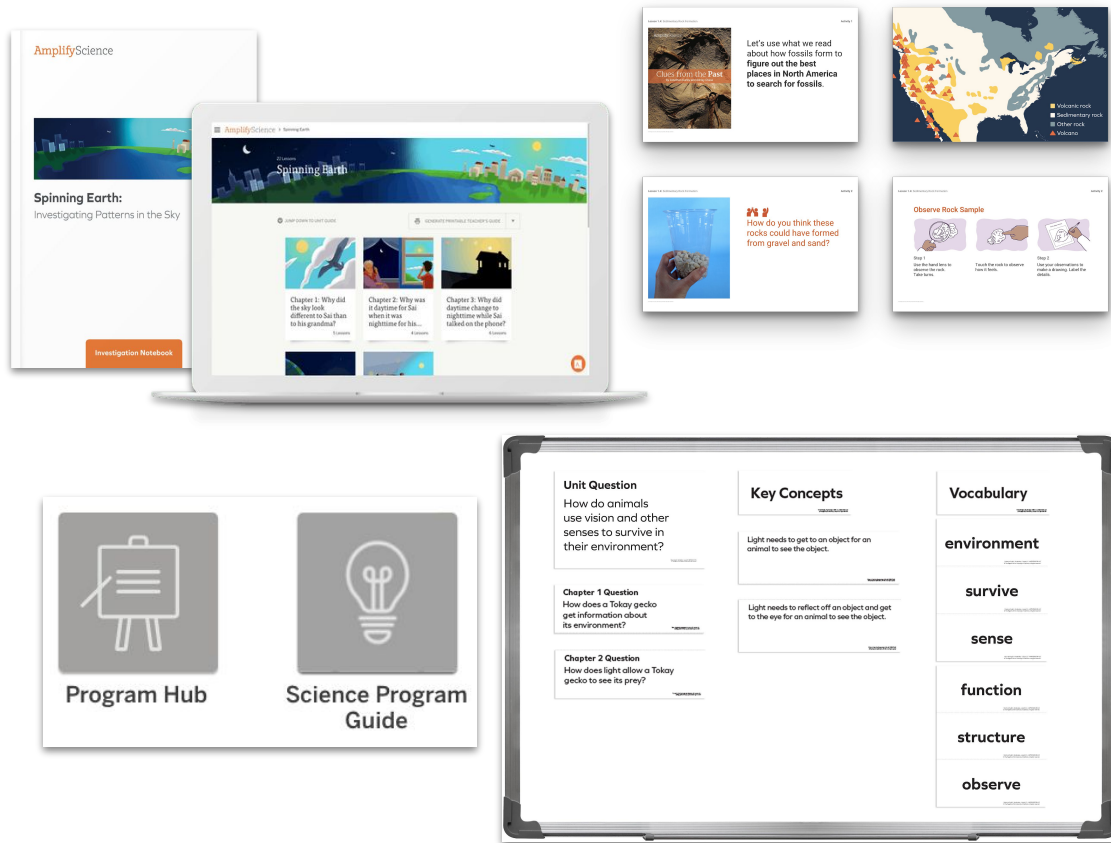
Unit type: Investigation

Student role: Sky Scientist

K-5 Program components

Teacher materials

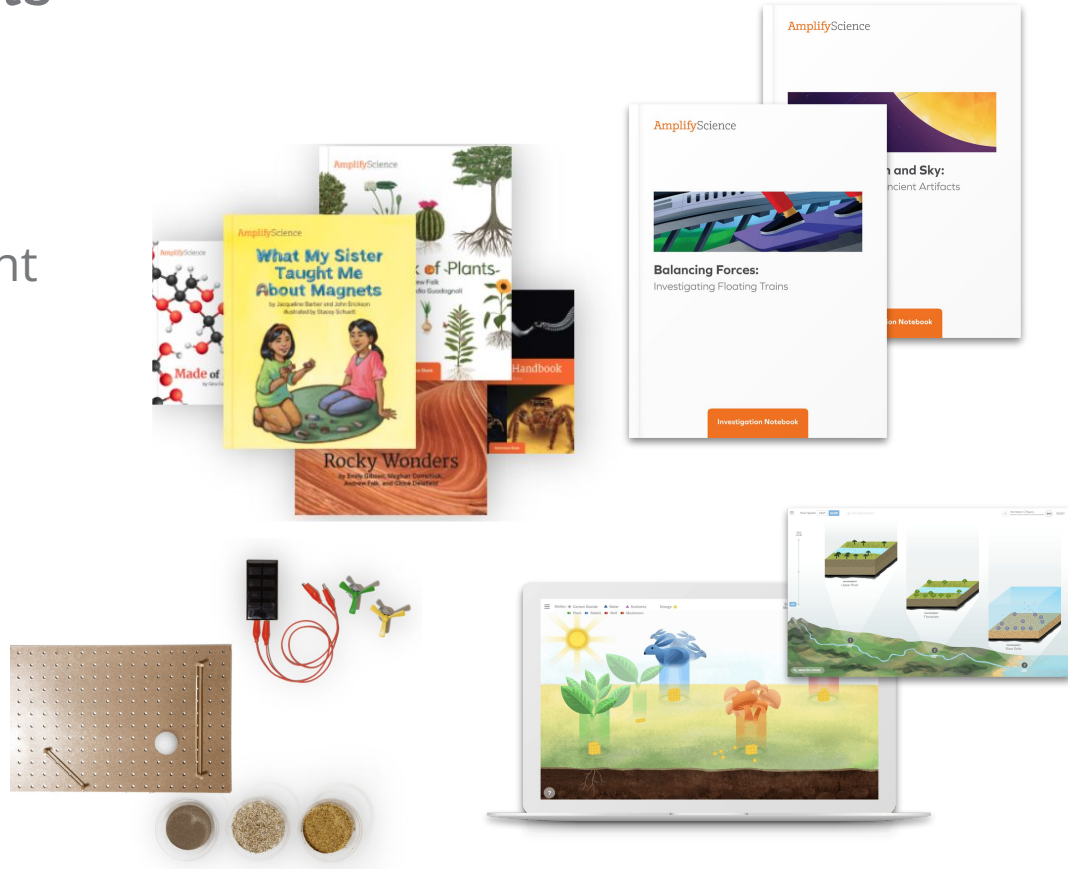
- Teacher's Guide (print and digital)
- Classroom Slides
- Classroom wall materials
- Embedded assessments
- Program Guide
- Program Hub
- Amplify Help Site



K-5 Program components

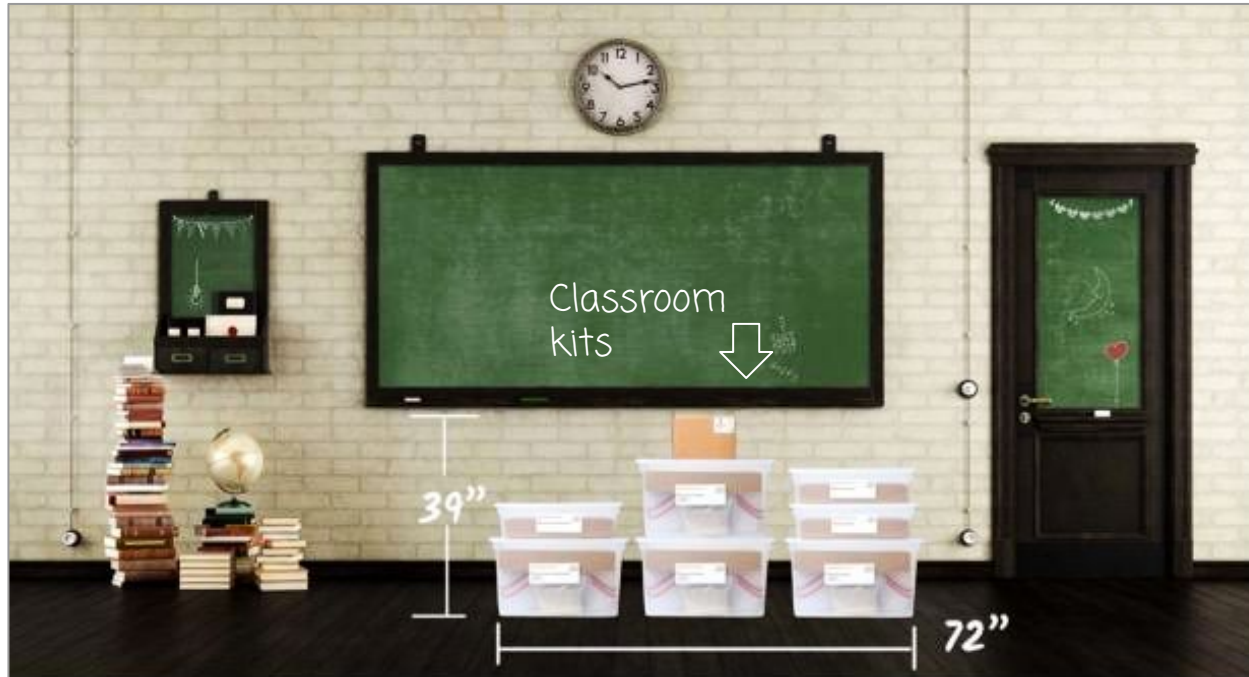
Student materials

- Hands-on materials
- Investigation Notebooks (print and digital)
- Student books
- Digital Applications



K-5 Program components

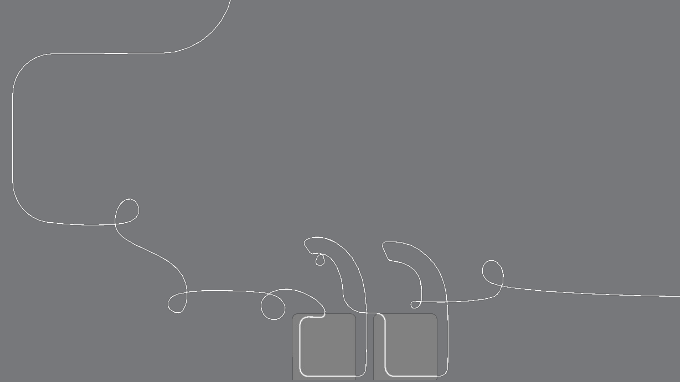
Classroom kits



Classroom kits

Built for a class of 36 students, with consumables for two years

Questions?





Plan for the day: Part 1

- Introduction and Framing
- Phenomenon-based Instruction
- Program Essentials
- Closing

Next Generation Science Standards

Phenomenon-based learning and teaching

A scientific phenomenon is an **observable event** that occurs in the universe that we can use science ideas to explain or predict.

Comparing topics and phenomena

Topic-based	Phenomenon-based
Chemical reactions	There's a reddish-brown substance in a town's tap water.

Next Generation Science Standards

How might learning be different?

Topic-based	Phenomenon-based
Chemical reactions	There's a reddish-brown substance in a town's tap water.
Electric circuits	A flashlight won't turn on, even though it used to work.
Natural selection	A population of newts has become more poisonous over time.

Comparing topics and phenomena

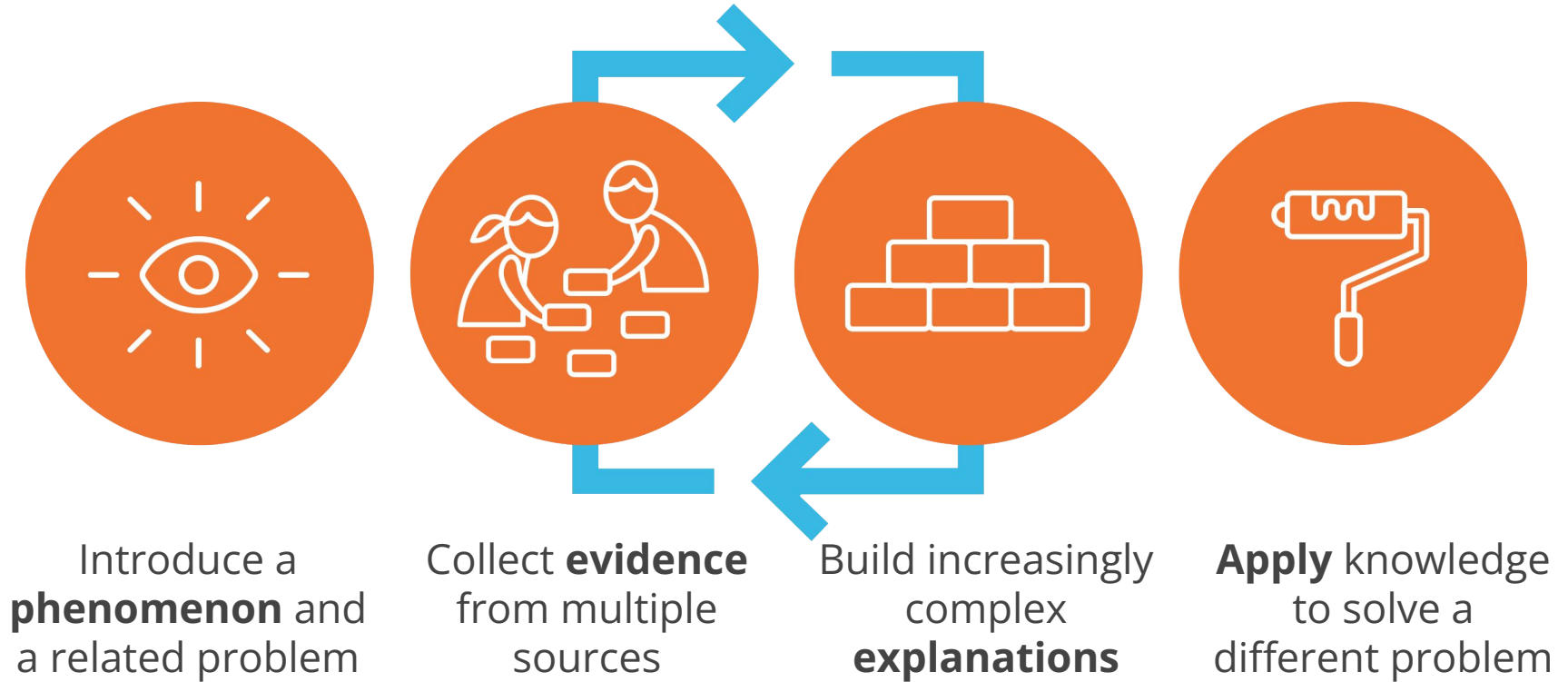
A shift in science instruction

from learning about
(like a student)



to figuring out
(like a scientist)

Amplify Science Approach

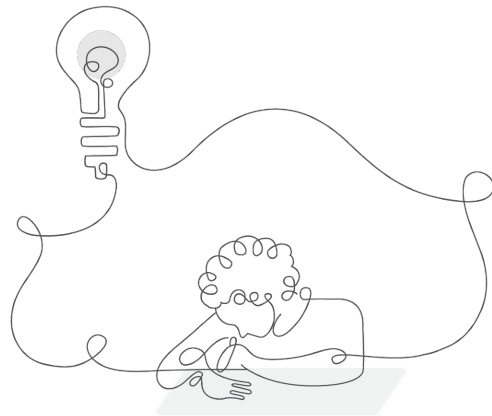


Previewing the unit

Introducing the phenomenon

Amplify Science units are designed around complex phenomena that drives student learning through the unit.

Pay attention to the phenomenon, or observable event, students will figure out in your unit.



A **puppet-theater company** has come to us with a **problem** that they think we can **solve** by using **light and sound**.

Their puppet shows use many heavy parts that are difficult to carry around. They are hoping that we can figure out how to **use light to make a picture on a wall** instead.

Let's look at a picture of their puppet shows and talk about what we notice.





A **scene** is the **background** of a play or a puppet show.

The puppet-theater company wants us to create a scene using light.



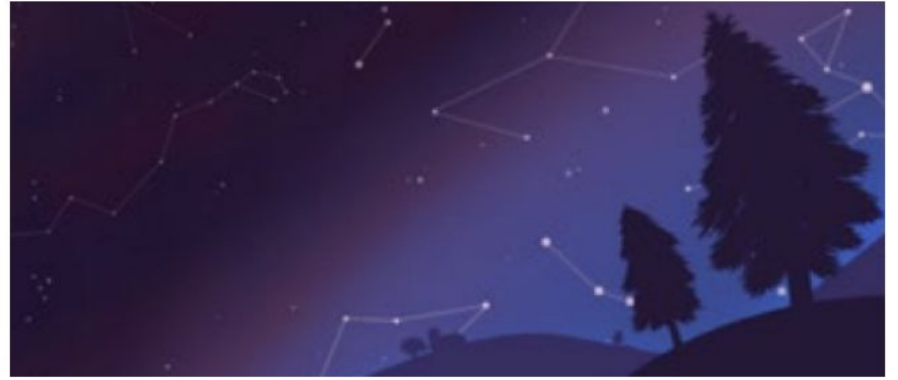
In order to help the puppet-theater company solve its problem, we will work as **light and sound engineers**.

Engineers are people who **make things** to solve problems.

Amplify Science

Anchoring phenomenon

- Complex and rich
- Drives learning through a whole unit
- Specific and observable
- Relatable at students' developmental level



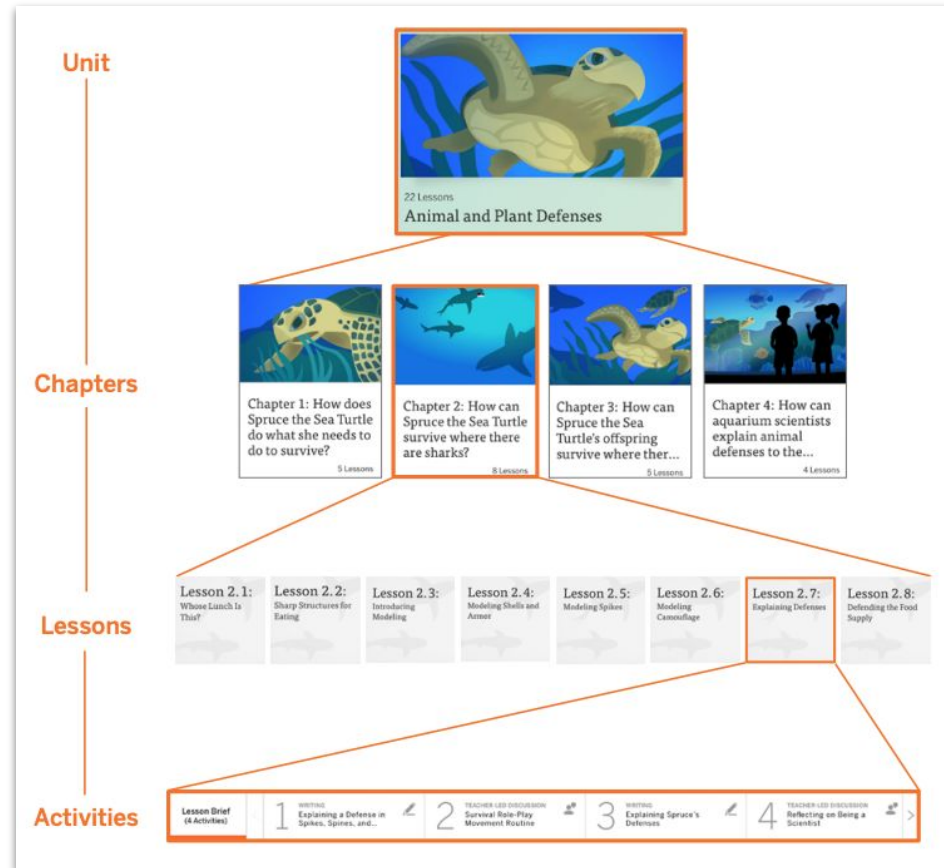


Plan for the day: Part 1

- Introduction and Framing
- Phenomenon-based Instruction
- Program Essentials
- Closing

Unit structure

Unit
↓
Chapter
↓
Lesson
↓
Activity



Let's Go Live!

22 Lessons

Light and Sound

✓ JUMP DOWN TO UNIT GUIDE

GENERATE PRINTABLE TEACHER GUIDE



Chapter 1: How do we make brighter or darker areas?

5 Lessons



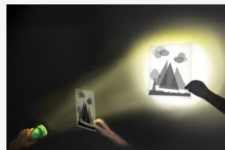
Chapter 2: How do we make a dark area in a bright puppet show scene?

5 Lessons



Chapter 3: How do we make a medium bright area in a dark area?

6 Lessons



Chapter 4: How do we make a dark area in a bright puppet show scene?

Lesson 1.1: Pre-Unit Assessment

Lesson Brief
(4 Activities)

1

TEACHER-LED DISCUSSION
Leading a Pre-Unit
Assessment Conversation

2

TEACHER-LED DISCUSSION
Introducing the Context of
the Unit

3

READING
Introducing Engineering

4

TEACHER-LED DISCUSSION
Reflecting on the Role of
Engineers

RESET LESSON

GENERATE PRINTABLE LESSON GUIDE

Overview
Materials &
Preparation
Differentiation
Standards
Vocabulary

Overview

Students' Initial Explanations

Students are introduced to the *Light and Sound* unit and the context and design problem that motivates this unit. Students learn that the puppet-theater company needs help to design a portable puppet-show scene, using light and sound. In pairs and then as a whole class, students view and discuss a photograph of a surface with bright and dark areas.

Digital Resources

Classroom Slides 1.1 | PowerPoint

Classroom Slides 1.1 | Google Slides

All Projections

Puppet Scene Design Goals chart

Interpreting Students' Pre-Unit Explanations About the Picture on the

Chapter 1: How do we make brighter or darker areas?

✓ JUMP DOWN TO CHAPTER OVERVIEW

Lesson 1.1:
Pre-Unit Assessment

Lesson 1.2:
Can You See in the
Dark?

Lesson 1.3:
Light-Source Hunt

Lesson 1.4:
Making Sense of
Light Sources and
Brightness

Lesson 1.5:
Light Makes
Surfaces Look Bright

Explore the Essentials

22 Lessons

Light and Sound

✓ JUMP DOWN TO UNIT GUIDE

GENERATE PRINTABLE TEACHER GUIDE



Chapter 1: How do we make brighter or darker areas?

5 Lessons



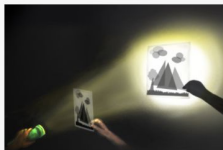
Chapter 2: How do we make a dark area in a bright puppet show scene?

5 Lessons



Chapter 3: How do we make a medium to dark area?

6 Lessons



Chapter 4: How do we make a bright area in a dark puppet show scene?

Lesson 1.1: Pre-Unit Assessment

Lesson Brief (4 Activities)

1

TEACHER-LED DISCUSSION
Leading a Pre-Unit Assessment Conversation

2

TEACHER-LED DISCUSSION
Introducing the Context of the Unit

3

READING
Introducing Engineering

4

TEACHER-LED DISCUSSION
Reflecting on the Role of Engineers

RESET LESSON

GENERATE PRINTABLE LESSON GUIDE

Overview
Materials & Preparation
Differentiation
Standards
Vocabulary

Overview

Students' Initial Explanations

Students are introduced to the *Light and Sound* unit and the context and design problem that motivates this unit. Students learn that the puppet-theater company needs help to design a portable puppet-show scene, using light and sound. In pairs and then as a whole class, students view and discuss a photograph of a surface with bright and dark areas.

Digital Resources

Classroom Slides 1.1 | PowerPoint

Classroom Slides 1.1 | Google Slides

All Projections

Puppet Scene Design Goals chart

Interpreting Students' Pre-Unit Explanations About the Picture on the

Chapter 1: How do we make brighter or darker areas?

✓ JUMP DOWN TO CHAPTER OVERVIEW

Lesson 1.1:
Pre-Unit Assessment

Lesson 1.2:
Can You See in the Dark?

Lesson 1.3:
Light-Source Hunt

Lesson 1.4:
Making Sense of Light Sources and Brightness

Lesson 1.5:
Light Makes Surfaces Look Bright

Navigation summary

1. Select your first unit
 - a. You are now on the Unit Landing Page.
2. Select **JUMP DOWN TO UNIT GUIDE**.
 - a. Or scroll down the page to *Planning for the Unit* and *Teacher References*



Key Unit Guide Documents for Planning

The interface is divided into two main columns. The left column contains a list of planning documents, each with a dropdown arrow. The right column contains printable resources, each with a PDF icon and a title. A section for offline preparation is located at the bottom right.

Planning for the Unit	Printable Resources
Unit Overview	Coherence Flowcharts
Unit Map	Copymaster Compilation
Progress Build	Flexextension Compilation
Getting Ready to Teach	Investigation Notebook
Materials and Preparation	Multi-Language Glossary
Science Background	NGSS Information for Parents and Guardians
Standards at a Glance	Print Materials (8.5" x 11")
	Print Materials (11" x 17")
Teacher References	
Lesson Overview Compilation	
Standards and Goals	
3-D Statements	
Assessment System	
Embedded Formative Assessments	
Books in This Unit	
Apps in This Unit	
Flexextensions in This Unit	

Offline Preparation

Teaching without reliable classroom internet? Prepare unit and lesson materials for offline access.

[Offline Guide](#)

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

Student Role:

Unit Question:

Relationship between the Unit Phenomenon and Unit Question:

By the end of the unit, students figure out...

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

Student Role:

Unit Question:

Relationship between the Unit Phenomenon and Unit Question:

Suggested resource:

- Unit Overview / Unit Map/ Coherence Flowchart

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

Suggested resource:

- Unit Overview / Unit Map

Relationship between the Unit Phenomenon and Unit Question:

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

Relationship between the Unit Phenomenon and Unit Question:

By the end of the unit, students figure out...

Suggested resource:

- Lesson Overview Compilation / Unit Overview

How

the phenomenon/real-world problem in your unit?

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

How do we make different parts of a surface brighter and darker?

Relationship between the Unit Phenomenon and Unit Question:

Through participating in the experience of this unit, students will have multiple opportunities to interact with, observe and talk about light and sound.

By the end of the unit, students figure out...

Suggested resource:

- Lesson Overview
Compilation / Unit
Overview

What is the phenomenon/real-world problem in your unit?

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

How do we make different parts of a surface brighter and darker?

Relationship between the Unit Phenomenon and Unit Question:

Through participating in the experience of this unit, students will have multiple opportunities to interact with, observe and talk about light and sound.

By the end of the unit, students figure out...

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Suggested resource:

- Unit Map

Try to summarize what the students figure out at the end of the unit.

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

How do we make different parts of a surface brighter and darker?

Relationship between the Unit Phenomenon and Unit Question:

Through participating in the experience of this unit, students will have multiple opportunities to interact with, observe and talk about light and sound.

By the end of the unit, students figure out...

Different materials can allow different amounts of light to pass through them to reach the surface

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Suggested resource:

- Unit Map

Try to summarize what the students figure out at the end of the unit.

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

How do we make different parts of a surface brighter and darker?

Relationship between the Unit Phenomenon and Unit Question:

Through participating in the experience of this unit, students will have multiple opportunities to interact with, observe and talk about light and sound.

By the end of the unit, students figure out...

Different materials can allow different amounts of light to pass through them to reach the surface

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

How do we make different parts of a surface brighter and darker?

Relationship between the Unit Phenomenon and Unit Question:

Through participating in the experience of this unit, students will have multiple opportunities to interact with, observe and talk about light and sound.

By the end of
Different
surface

Suggested resource:

- 3D Statements

to pass through them to reach the

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

How do we make different parts of a surface brighter and darker?

Relationship between the Unit Phenomenon and Unit Question:

Through participating in the experience of this unit, students will have multiple opportunities to interact with, observe and talk about light and sound.

By the end of
Different
surface

Suggested resource:

- **3D Statements**

to pass through them to reach the

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Students investigate and construct explanations about how light and sound can be used to create solutions for a puppet theatre company. Students apply what they learn to in order to design solutions to create shadow scenery and sound effects for a puppet theatre show.

Core Unit Planning & Internalization

Unit Title:

Light and Sound

Overview

[Resources: Unit Overview, Teacher's Guide, Coherence Flowchart, Unit Map, 3-D Statements]

What is the phenomenon/real-world problem students are investigating in your unit?

How can we use light and sound to design shadow scenery and sound effects for a puppet theatre

Student Role:

Light and Sound Engineers

Unit Question:

How do we make different parts of a surface brighter and darker?

Relationship between the Unit Phenomenon and Unit Question:

Through participating in the experience of this unit, students will have multiple opportunities to interact with, observe and talk about light and sound.

By the end of the unit, students figure out...

Different materials can allow different amounts of light to pass through them to reach the surface

How do students engage with three-dimensional learning to figure out the phenomenon/real-world problem in your unit?

Students investigate and construct explanations about how light and sound can be used to create solutions for a puppet theatre company. Students apply what they learn to in order to design solutions to create shadow scenery and sound effects for a puppet theatre show.

Navigation Temperature Check

Rate yourself on your comfort level accessing Amplify Science materials and navigating a digital curriculum.

1 = Extremely Uncomfortable

2 = Uncomfortable

3 = Mild

4 = Comfortable

5 = Extremely Comfortable



Questions?



Plan for the day: Part 1

- Introduction and Framing
- Phenomenon-based Instruction
- Program Essentials
- Closing

Closing reflection

Based on our work in Part 1, share:

Head: something you'll keep in mind

Heart: something you're feeling

Feet: something you're planning to do

Additional resources

Welcome, caregivers!

We hope you enjoy learning more about Amplify Science and what students are learning in science this year.

[Para acceder a este sitio en español haga clic aquí.](#)

Amplify welcomes you and your learner to the Science program for the new school year. We are very excited to



Grades 6-8



[Caregivers](#)

LAUSD Microsite-

<https://amplify.com/lausd-science>

Welcome to Amplify Science!

This site contains supporting resources designed for the LAUSD Amplify Science adoption for grades TK–8.

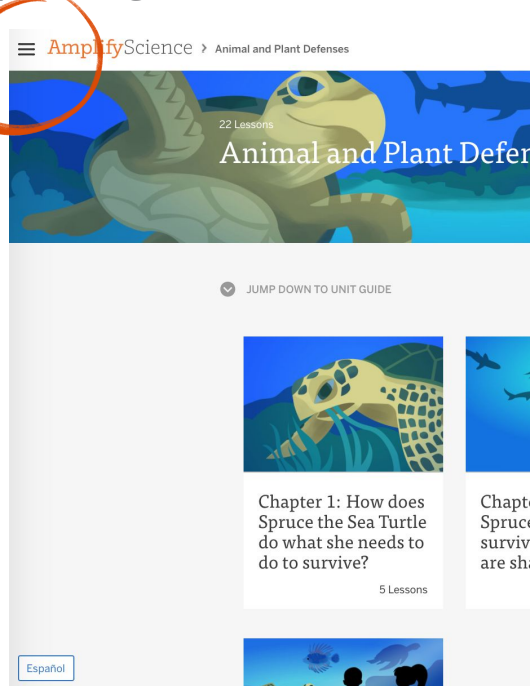
- Access the [Amplify Science Program Hub](#) (To help orient you to the new design, watch this [video](#) and view this [reference guide](#).)
- Find out more about [Amplify Science@Home](#)
- Share the [Caregiver Hub](#) (Eng/Span) with your families
- For LAUSD ES Teachers- [Amplify Science & Benchmark Advance Crosswalk](#)
- Instructional guidance for a [Responsive Relaunch of Amplify Science in 21-22](#)

Click the button below to preview the digital Teacher's Guide, and check back for exciting updates to this site!



Program Hub

Use the Amplify Science Program Hub to find useful resources for implementing Amplify Science, including unit overview videos and planning tools.



Amplify Science > Animal and Plant Defenses

22 Lessons

Animal and Plant Defenses

JUMP DOWN TO UNIT GUIDE

Chapter 1: How does Spruce the Sea Turtle do what she needs to do to survive? 5 Lessons

Chapter 2: Spruce the Sea Turtle do what she needs to do to survive?

Español



Amplify Science

Hello Teacher Martin
Unmarked@amplify.net

Log Out

Go To My Account

Classroom Language Settings

CA Science Program Guide

ELA Professional Learning

ELA Resources

Interim Assessments

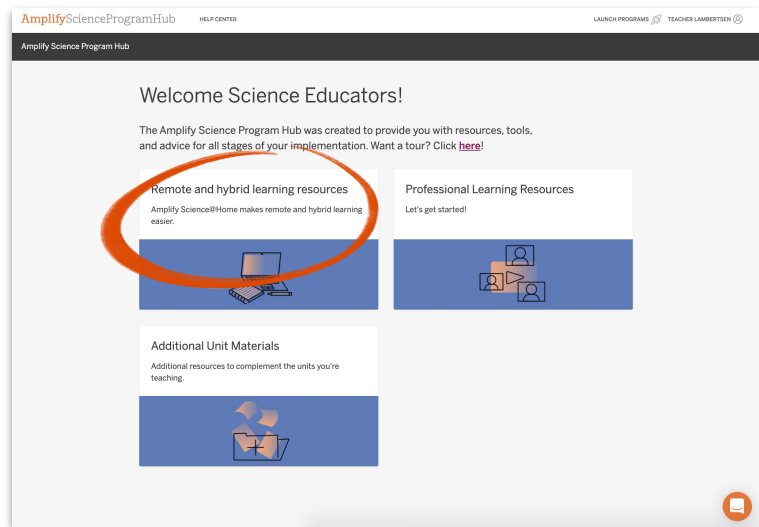
Program Hub

Science Program Guide

FLORIDA EDITION

Standards Map

Help



Amplify Science Program Hub

HELPS CENTER

LAUNCH PROGRAMS

TEACHER LAMBERTSEN

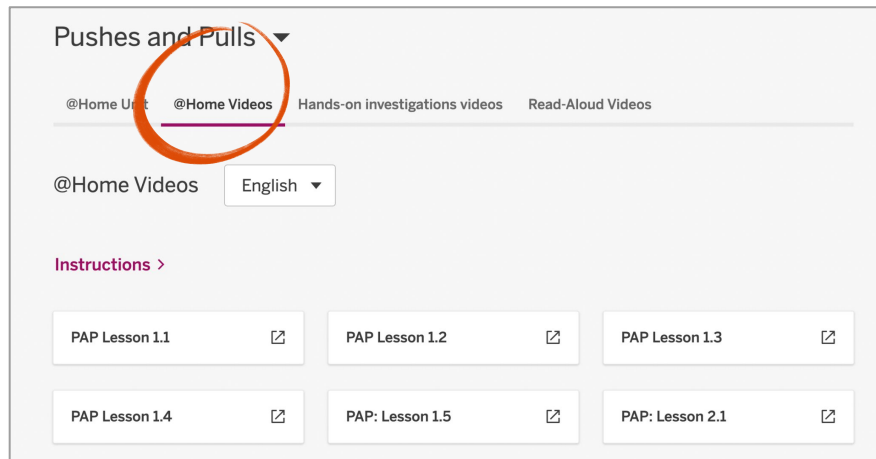
Welcome Science Educators!

The Amplify Science Program Hub was created to provide you with resources, tools, and advice for all stages of your implementation. Want a tour? Click [here](#)!

Remote and hybrid learning resources
Amplify Science@Home makes remote and hybrid learning easier.

Professional Learning Resources
Let's get started!

Additional Unit Materials
Additional resources to complement the units you're teaching.



Pushes and Pulls

@Home Unit | **@Home Videos** | Hands-on investigations videos | Read-Aloud Videos

@Home Videos English

Instructions >

PAP Lesson 1.1	PAP Lesson 1.2	PAP Lesson 1.3
PAP Lesson 1.4	PAP: Lesson 1.5	PAP: Lesson 2.1

Additional resources and ongoing support

Customer Care

Seek information specific to enrollment and rosters, technical support, materials and kits, and teaching support, weekdays 7AM-10PM EST and weekends 10AM-6PM EST.



help@amplify.com



800-823-1969



Amplify Chat



Please provide feedback!

Presenter name:

Workshop title:

Part 1: Relaunching the Standard Curriculum

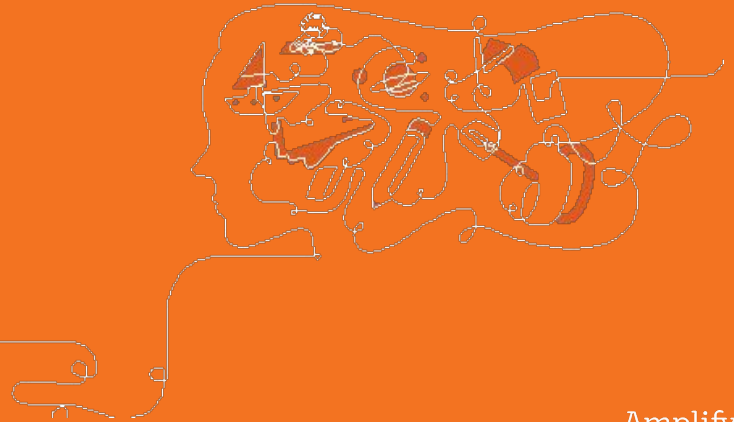
Part 2: Guided Planning (Planning for a Lesson)

Modality:

Remote



End of Part 1



Break

10:00 - 10:30

Amplify Science

Standard Curriculum Relaunch / Guided Planning

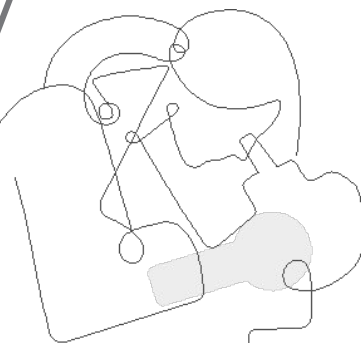
Grade 1: Light and Sound

Part 2

School/District Name: LAUSD

Date: ,

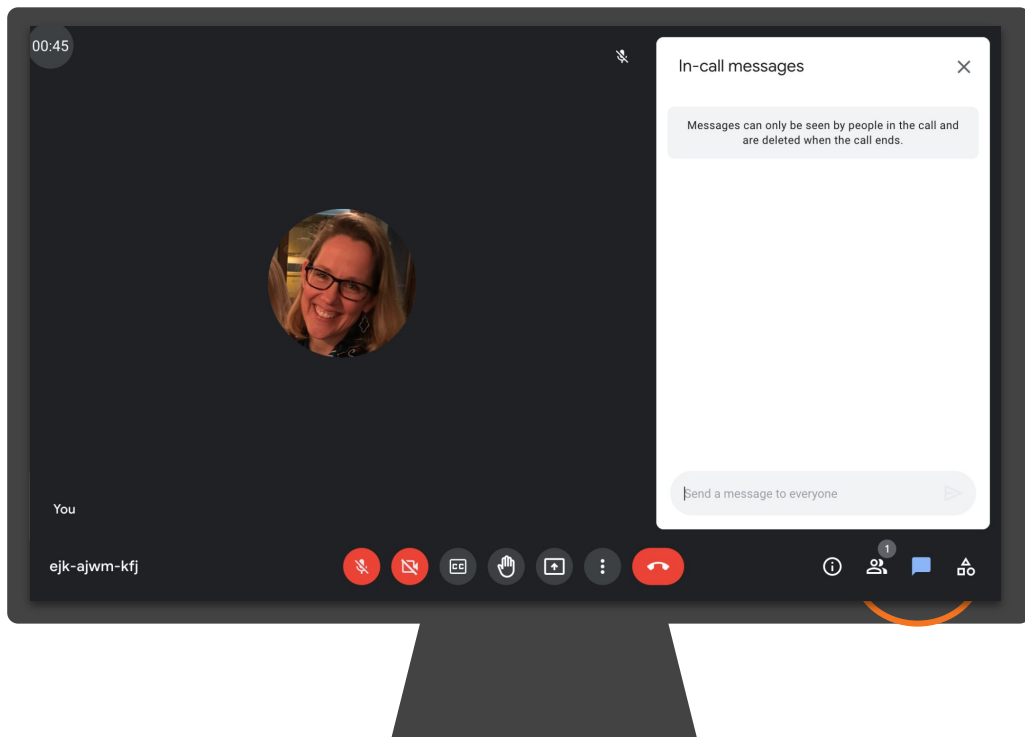
Presented by:



Ice Breaker!

Who do we have in the room today?

- **Question:** Now that we have gone through Part 1, which aspects of Amplify Science do you feel more comfortable with or have a greater understanding of?



Amplify's Purpose Statement

Dear teachers,

You do a job that is nearly impossible and **utterly essential**.

We are in your corner – extending your reach, saving you time, and enhancing your understanding of each student.

Thank you for working with us to craft rigorous and riveting learning experiences for your classroom.

We share your goal of **inspiring all students to think deeply, creatively, and for themselves**.

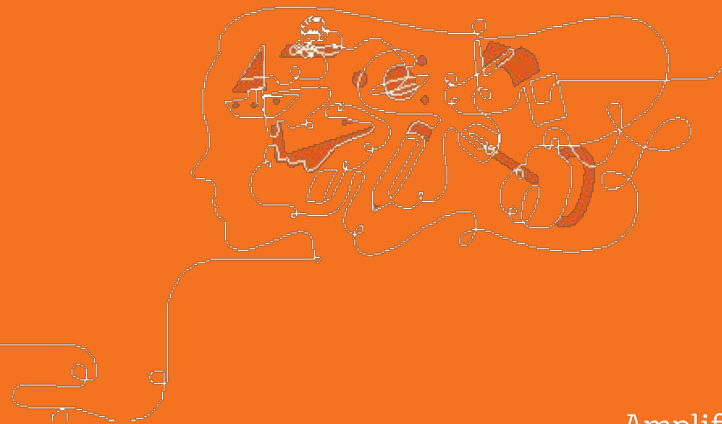
Sincerely,
Amplify

Norms: Establishing a culture of learners

- **Take risks:** Ask any questions, provide any answers.
- **Participate:** Share your thinking, participate in discussion and reflection.
- **Be fully present:** Unplug and immerse yourself in the moment.
- **Physical needs:** Stand up, get water, take breaks.

Part 2:

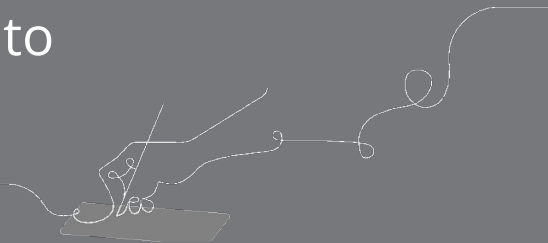
Guided Planning (for a lesson)



Overarching goals

By the end of this workshop, you will be able to:

- ❑ Navigate the Amplify Science curriculum.
- ❑ Describe what teaching and learning look like in Amplify Science.
- ❑ Apply the program essentials to prepare to teach.





Plan for the day: Part 2

- Teaching and Learning in an Amplify Science Lesson
- Instructional Approach Reflection
- Planning a Lesson
- Closing



Plan for the day: Part 2

- Teaching and Learning in an Amplify Science Lesson
- Instructional Approach Reflection
- Planning a Lesson
- Closing

Beginning the Unit

The first lesson of every Unit is a pre-unit assessment.

Chapter 1: How do we make brighter or darker areas?

✓ JUMP DOWN TO CHAPTER OVERVIEW

Lesson 1.1:
Pre-Unit Assessment

Lesson 1.2:
Can You See in the
Dark?

Lesson 1.3:
Light-Source Hunt

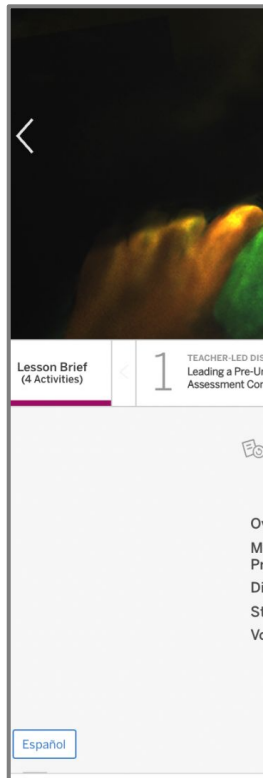
Lesson 1.4:
Making Sense of
Light Sources and
Brightness

Lesson 1.5:
Light Makes
Surfaces Look Bright

Chapter Overview



Light and Sound Family Connection



Light and Sound Family Connections Letter

Dear Families,

In science class, we are working as light and sound engineers to help a puppet-theater company design scenes for a puppet show. We'll be working to answer the question, *How do we make different parts of a surface brighter or darker?*

Sharing some of your own ideas, connections, expertise, or stories related to what we will be learning about can help prepare students for their work in science class. It can help students see that what we study in science is connected to their lives, families, and communities.

Use the following questions to think about your personal connections to students' science learning, then share them with your student.

- What does our work in science make you think of?
- Do you have any memories, stories, or experiences about something related to what we will be investigating?
- What have you heard or learned about these topics?
- What do you wonder?



GENERATE PRINTABLE LESSON GUIDE


Digital Resources

 Classroom Slides 1.1 | PowerPoint


 Classroom Slides 1.1 | Google Slides

 All Projections


 Puppet Scene Design Goals chart


 Assessment Guide: Interpreting Students' Pre-Unit Explanations About the Picture on the Wall

 Investigation Notebook

 Questioning Strategies for Grades K-1

 Light and Sound Family Connections Letter

 Crosscutting Concept Tracker

 Eliciting and Leveraging Students' Prior Knowledge, Personal Experiences, and Cultural Backgrounds



Beginning the Unit

We will be looking at Chapter 1, Lesson 2 for our model lesson.

Chapter 1: How do we make brighter or darker areas?

✓ JUMP DOWN TO CHAPTER OVERVIEW

Lesson 1.1: Pre-Unit Assessment	Lesson 1.2: Can You See in the Dark?	Lesson 1.3: Light-Source Hunt
Lesson 1.4: Making Sense of Light Sources and Brightness	Lesson 1.5: Light Makes Surfaces Look Bright	

Chapter Overview

A hand holding a flashlight, shining a beam of light into a dark space. The beam of light is visible as a bright, circular area in the upper right corner of the frame. The flashlight is held in the lower left corner, and the hand is visible. The background is dark and textured.

Grade 1 | Light and Sound

**Lesson 1.2: Can You
See in the Dark?**

Activity 1

Reviewing Engineering Vocabulary



We use the word **problem** a lot. It has a lot of meanings.

The **puppet-theater company** has a problem. It is the type of problem **engineers** solve. When engineers talk about problems, they're talking about something someone wants or needs to do and cannot do.

What Engineers Do

This chart is a place where we can keep track of things that engineers do.

What Engineers Do

Find out about a problem.

One of the first things that engineers do is find out about a **problem**.

Let's talk more about the puppet-theater company's problem.

When engineers hear about a problem, they try to make a solution.



What do you think the puppet-theater company needs you to do?

Vocabulary



engineer

a person who makes something to solve a problem

Activity 2

Exploring How Dark It Can Get





Chapter 1 Question

How do we make brighter or darker areas?

Before we can make a **solution** for the puppet-theater company, we need to learn more about **light**.

In the last lesson, we saw pictures of different **light** and **dark** places.

Investigation Question:

What makes something look bright or dark?



Share **places** you know that are **very bright**
and **places** you know that are **very dark**.

I wonder if you can see anything at all in a very dark place.



How could we make it **very dark** in our **classroom**?

Try to Make It Very Dark

1.
Cup your hands over your eyes.
2.
Try to look at something on your table, like a crayon.



Let's discuss trying to make it completely dark.



Did you make it completely dark? What did you do to make it completely dark?

Scientists and engineers look for **evidence**.
Evidence is information that helps you figure out an answer to a question.

Trying to make it dark in our classroom gave us some evidence to answer our question.

We will gather more **evidence** from a video.





Let's **share** what we **noticed**.

Then I'll play the video a **second time**, and we will pay attention to when the cave looks **dark**, and when it looks **bright**.



What was happening when the cave looked dark and when it looked bright?

At first, the cave was **dark** and we could not see anything. When the person shined the **flashlight**, we could see things in the cave.

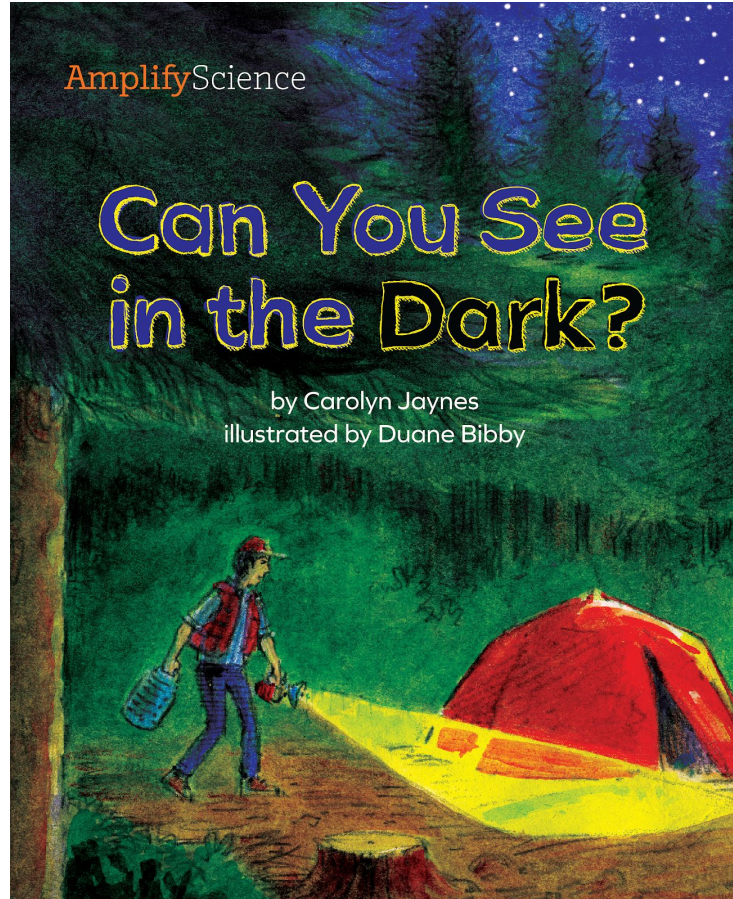
The video gave us more **evidence** about what makes something look bright or dark.

We will gather more evidence from a **book**.

Activity 3

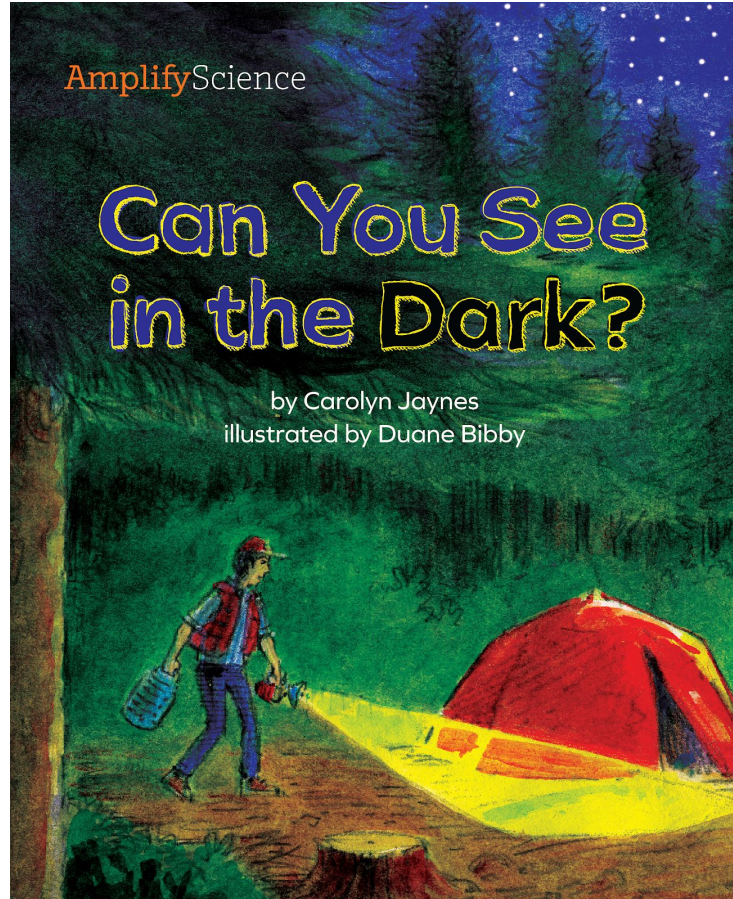
Reading: Can You See in the Dark?





We will read this book together and think about **what we wonder**.

We will **ask questions** and look in the book for **evidence** that helps us answer our questions.



This title is already a **question**. It makes me wonder, are there places so dark that you cannot see?

Let's talk about the **illustration** on the cover.

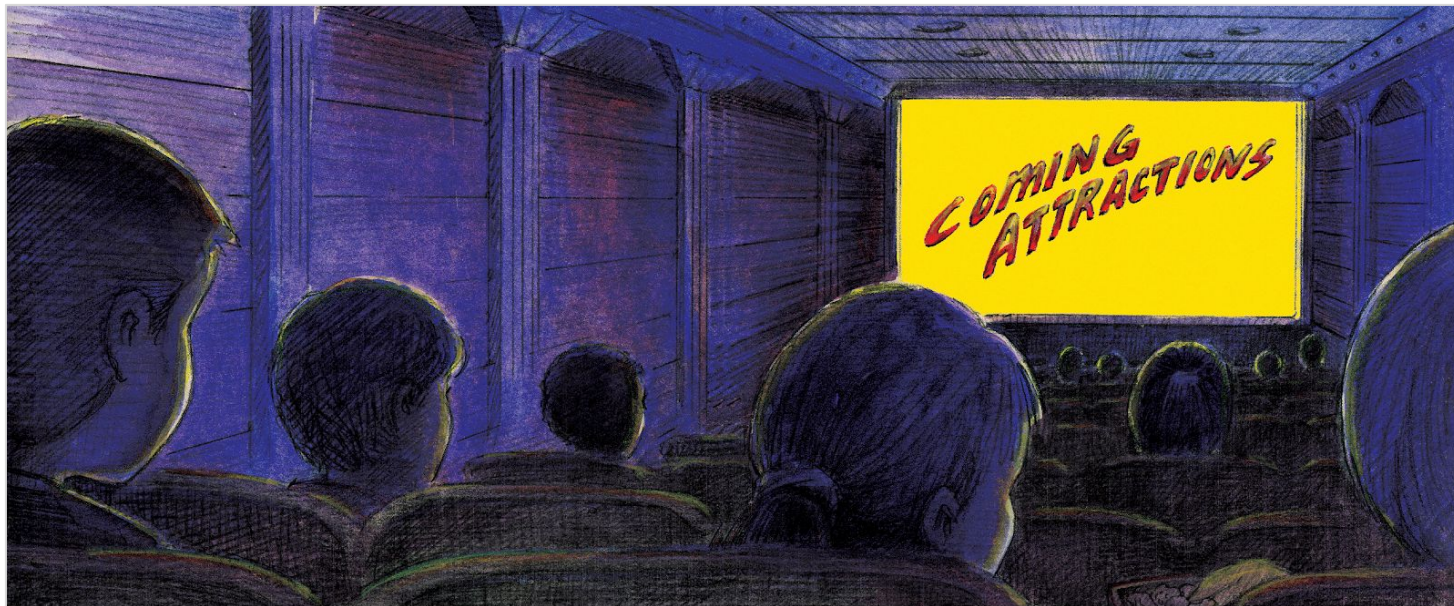
Can you see in the dark?

Do you need light to see?

To find the answer, you need **evidence**. And the only way to get the evidence you need is to find a place that's completely dark, with no light at all.

Think of some dark places. Can you see in those places? You can find your way to the bathroom after bedtime without turning on a light. You can see empty seats in a dark movie theater.

But are those places completely dark? Is there any light there at all?



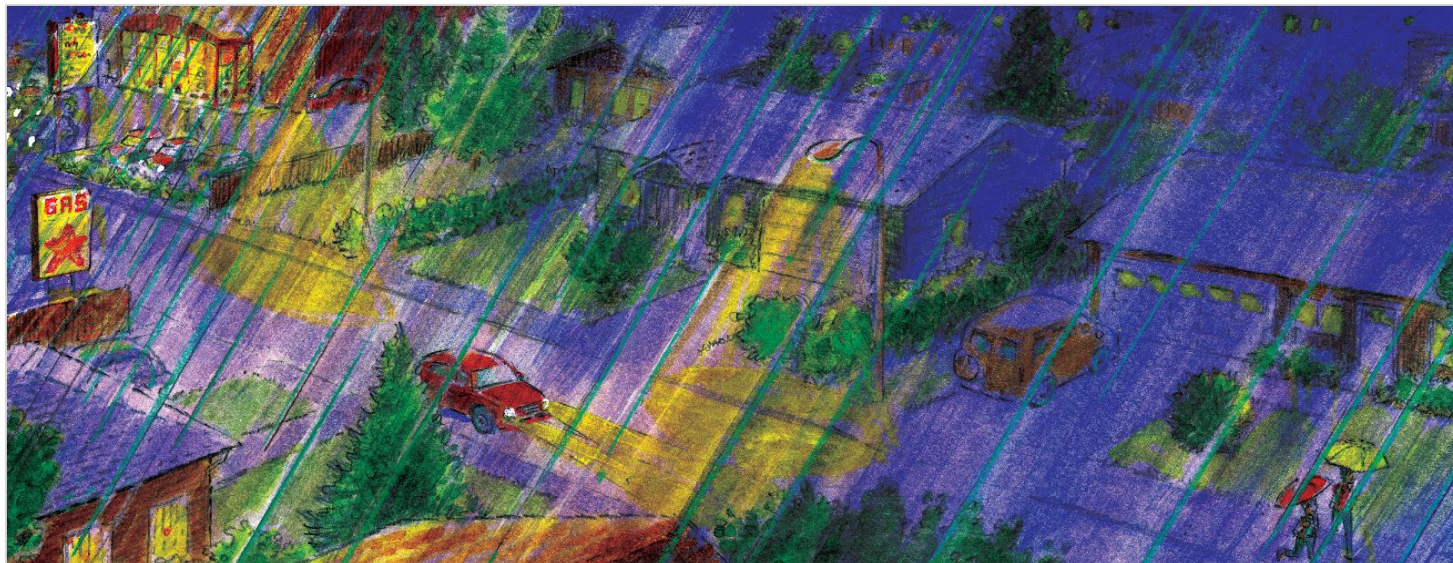
To find out whether you need light to see, you have to find a place with no light—none, nada, zero, zilch.

Think of a movie theater. You walk in after the movie starts. It is hard to see, but you can still find a seat. You can see a little bit. Is there any light in the theater?



What do you **observe**? You may see little lightbulbs on the floor next to the seats. Behind you, you can see light coming from the movie **projector**.

Light does not just float around. It has to come from somewhere. A place where light comes from is called a light **source**. The lightbulbs on the floor are a light source. The movie projector is also a light source.



Even though the movie theater seems dark, there is some light. The theater is not completely dark. You don't have the evidence you need yet. To find out whether you need light to see, you have to find someplace darker to observe.

You walk out of the theater. It is a rainy night. Is it completely dark? Can you find any light?

On the walk home, you notice light from many sources: streetlights, car headlights, and the glowing sign at the gas station. You can see, but that is not evidence that you can see in the dark. It is nighttime, but it is not completely dark!



Think of a darker place. You can go camping in the middle of the woods, where there are no streetlights or headlights.

Is it completely dark? Can you find any light?

Yes, the campfire is a source of light! Your flashlight is a source of light, too.



When the fire goes out and you turn off the flashlight, it gets much darker.

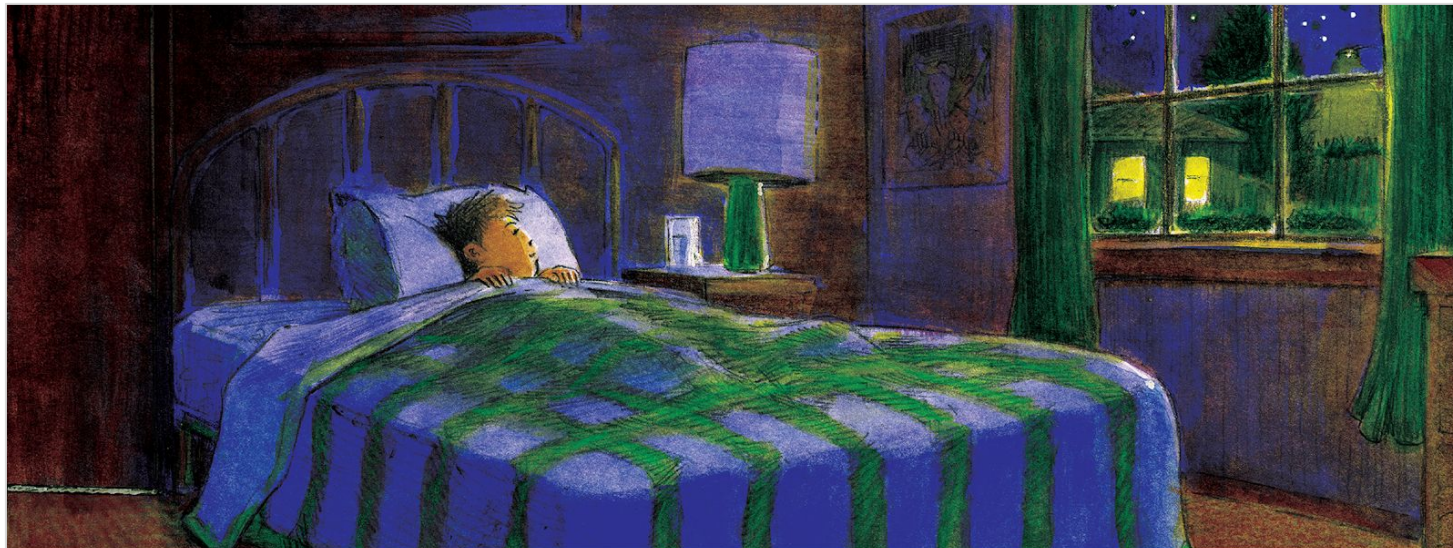
Is it completely dark? Can you find any light?

Look up in the sky. What do you observe? Up there are thousands of light sources: the stars. Even in the middle of the forest at night, it is not completely dark. You cannot get the evidence you need to answer your question here.



What do you wonder
about the **light** and the
dark?



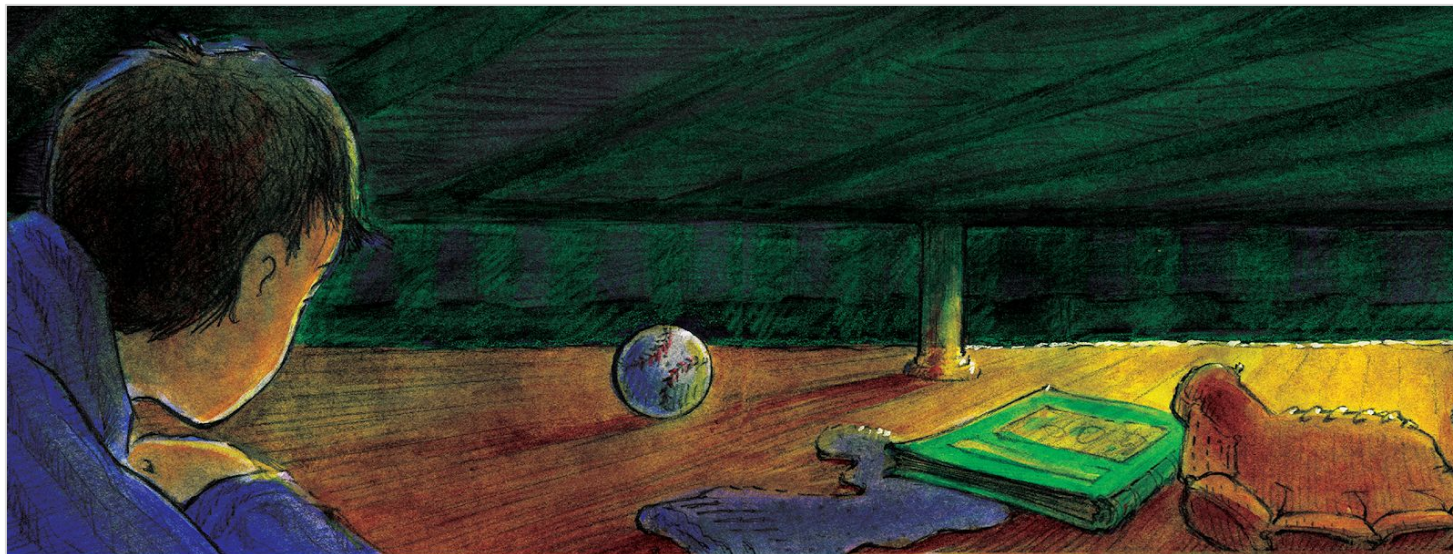


Back at home, your bedroom may seem completely dark when you turn off the lights.

Can you see? Maybe you see a glass of water on the table next to your bed. Maybe you can count the stripes on your bedspread.

Is it completely dark? Can you find any light?

You see some light from a streetlight and from the neighbors' house coming through the window. Your room is not completely dark after all. Being able to see in your bedroom at night is not really evidence that you can see in the dark.



Can you imagine a place that is completely dark, with no light from any source?

You crawl under your bed. You remember how dark it was under there when you played hide-and-seek.

Is it completely dark? Can you find any light?

In a few seconds, you start to see things. You can see a sock that has been missing for a month. Does this mean you can see in the dark?

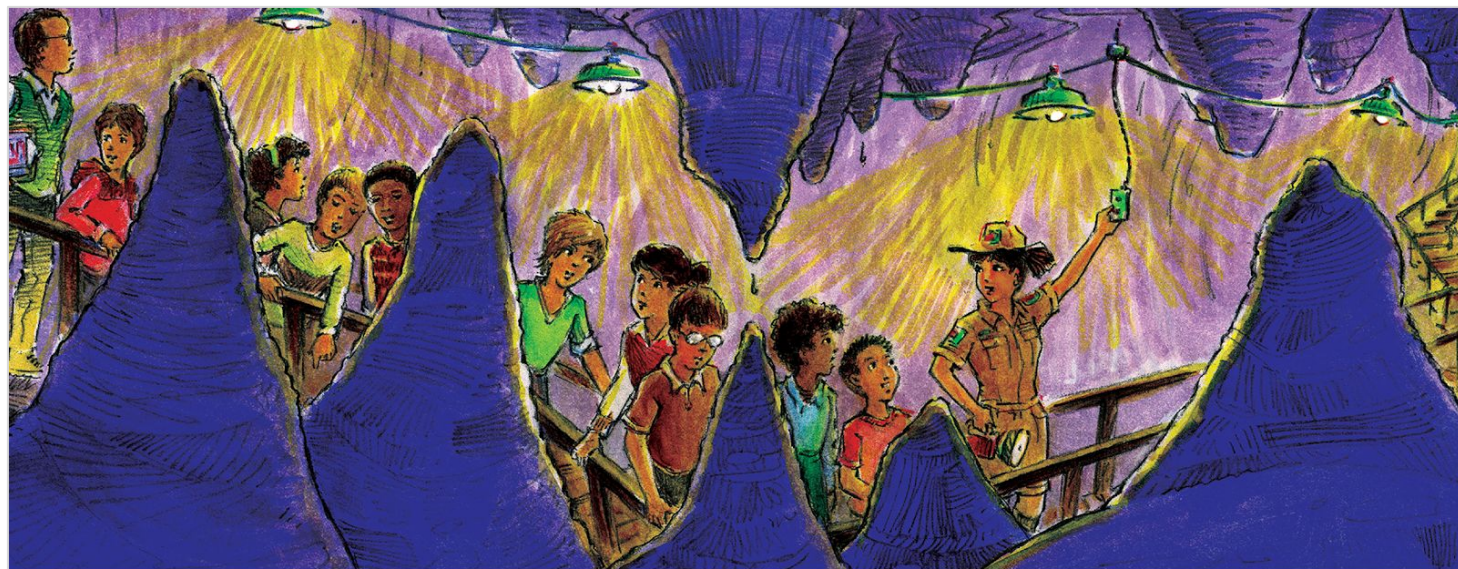
You look around. Light from the neighbors' house and the streetlight outside your window is also getting under your bed. You have to find someplace darker.



You scramble into your closet and shut the door. “Yes,” you think, “I found a place that is completely dark! No light is getting in here from any source!” You can just barely see your hand if you hold it in front of your face.

Is it completely dark? Can you find any light?

You notice a crack under the door, where light from outside is getting in. You still don’t have the evidence you need. You still cannot prove whether or not you need light to see.



A few days later, you go on a field trip to a cave. The tour guide leads you into the cave. It is dark in here—really dark.

Deep in the cave there is no light from the sun. This may be the perfect place to **test** whether you can see in the dark.

The tour guide is talking about how caves are formed. But you are wondering how dark the cave could get. You finally get a chance to ask. The tour guide says, "I'll show you. I'm going to turn off the lights for a minute."

She turns off the lights, and everything is black. You look around for sources of light, but you do not see any. In fact, you cannot see anything at all. Just to be sure, you wait . . .

... and wait ... but you never see anything.

A smile crosses your face. None of your classmates can see the smile, even though they are standing right in front of you. Still, you know the smile is there because you can feel it.

You finally have the evidence you need. You have found a place that is completely dark. There is no light from any source. It is completely dark, and you cannot see in the dark.

If you can see anything, it is because of light. You need light to see!

We have **evidence** that helps us figure out if you can see in the dark.

It was **completely dark** in the cave in the video, and it was completely dark in the cave we observed in the book.

There was **no light anywhere**.

Activity 4

Introducing the What We Know About Light Chart



What We Know About Light

When scientists and engineers learn something new, their **science knowledge** changes.

We will use this **chart** to show what we learn.

What We Know About Light

Let's talk about the different types of **places** we read about in the book.

What We Know About Light



Now the chart shows the three types of places. Let's think about our ideas.



What is the difference
between **dark** and
completely dark?

You finally have the evidence you need. You have found a place that is completely dark. There is no light from any source. It is completely dark, and you cannot see in the dark.

If you can see anything, it is because of light. You need light to see!

We read about needing light to see in *Can You See in the Dark?*

Investigation Question:

What makes something look bright or dark?

Key Concept



Light makes things look bright.

Key Concept



You need some light to see.

End of Lesson



THE LAWRENCE
HALL OF SCIENCE
UNIVERSITY OF CALIFORNIA, BERKELEY

Amplify.

Published and Distributed by Amplify. www.amplify.com



Plan for the day: Part 2

- Teaching and Learning in an Amplify Science Lesson
- Instructional Approach Reflection
- Planning a Lesson
- Closing

Gathering evidence

Light and Sound 1.2

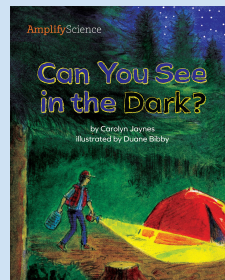
How do we make brighter and darker areas?

What makes something look bright or dark?

What Engineers Do
Find out about a problem.

Try to Make It Very Dark

1. Cup your hands over your eyes.
2. Try to look at something on your table, like a crayon.



What We Know About Light

 bright

 dark

 completely dark

What have students figured out so far?

Evidence sources work together

Investigating and discussing observations

How do these activities
work together to
support understanding of
what makes something
look brighter or dark?

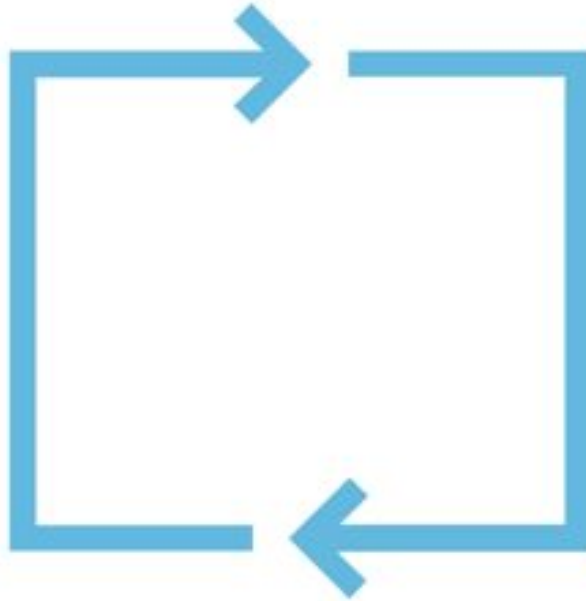
Investigation Question: What makes
something look brighter or dark?



A light blue rectangular box containing four evidence sources. At the top center is an icon of three blue people with speech bubbles. Below it are four items: a white box titled 'What Engineers Do' with the subtitle 'Find out about a problem.'; a white box titled 'Try to Make It Very Dark' with two numbered steps and an illustration of a person covering their eyes; a photograph of a dark cave interior with a single light source; and a book cover titled 'Can You See in the Dark?' by Carolyn Jaynes, illustrated by Duane Bliley, showing a person in a red tent at night.

Multimodal learning

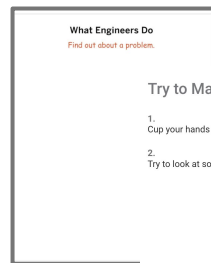
Gathering evidence over multiple lessons



**Do,
Talk,
Read,
Write,
Visualize**

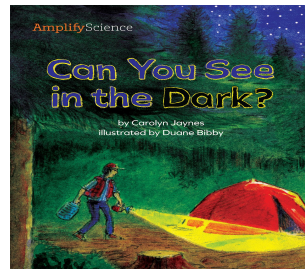
Evidence sources work together

Teacher tip: Every evidence source plays an important role in student learning. Be sure to teach every activity in order!



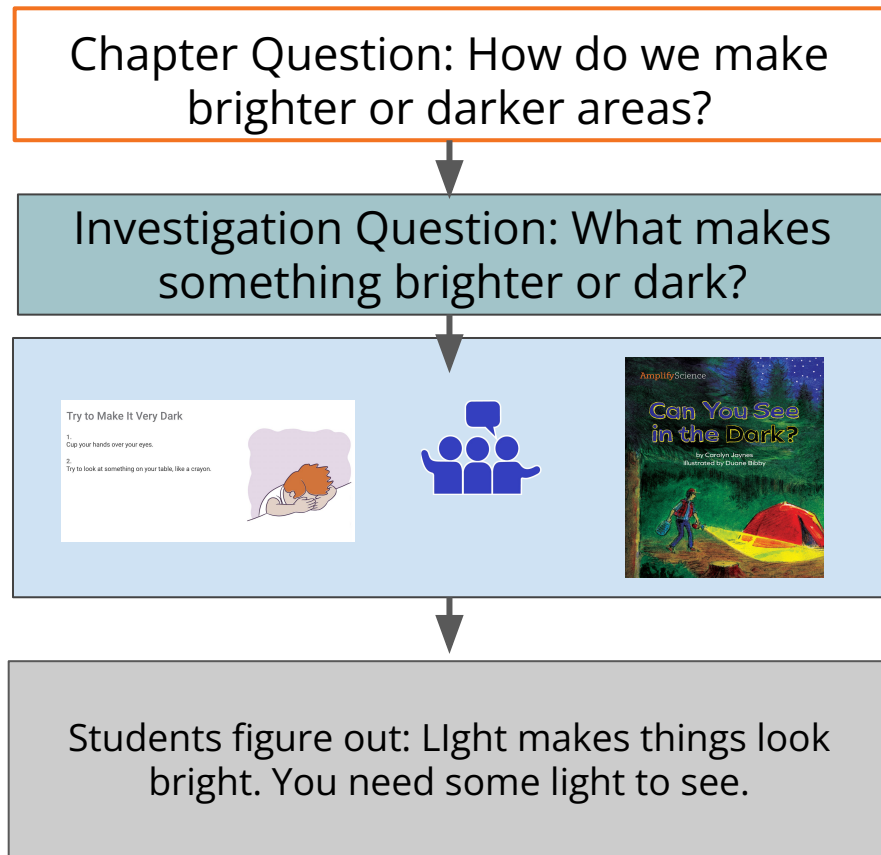
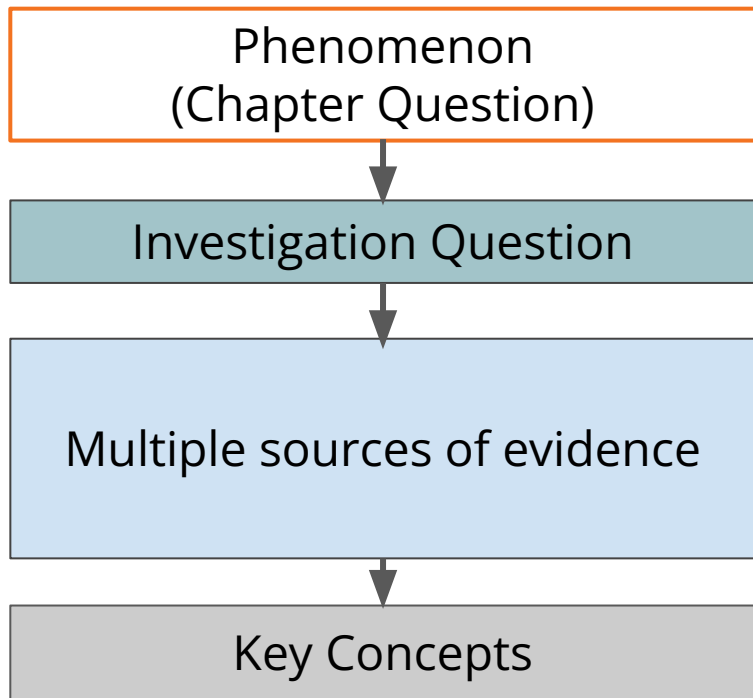
Try to Make It Very Dark

1. Cup your hands over your eyes.
2. Try to look at something on your table, like a crayon.



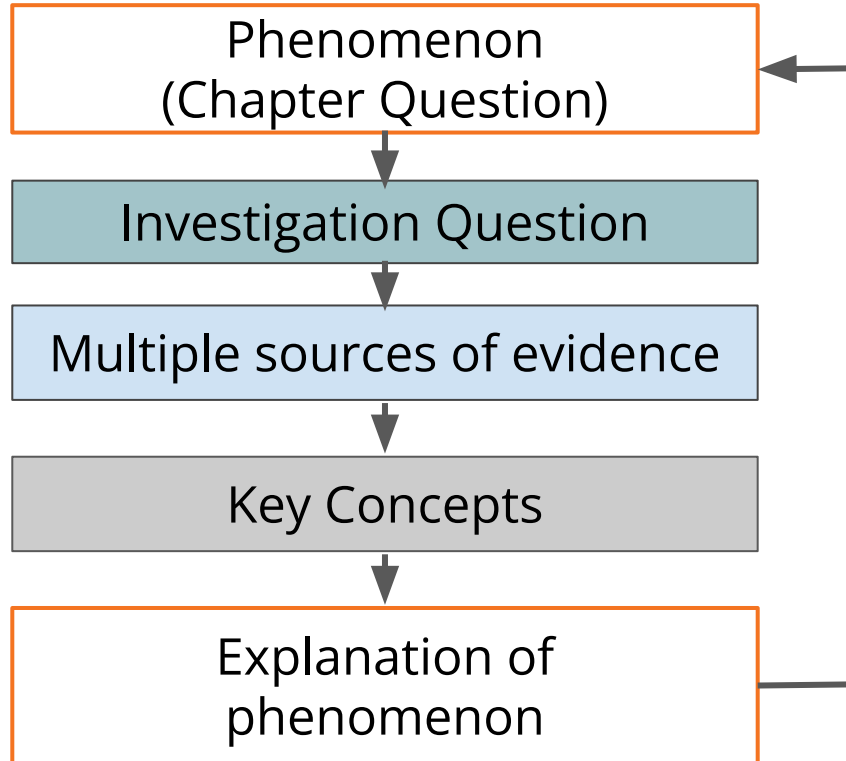
Coherence Flowchart

A diagram of student learning

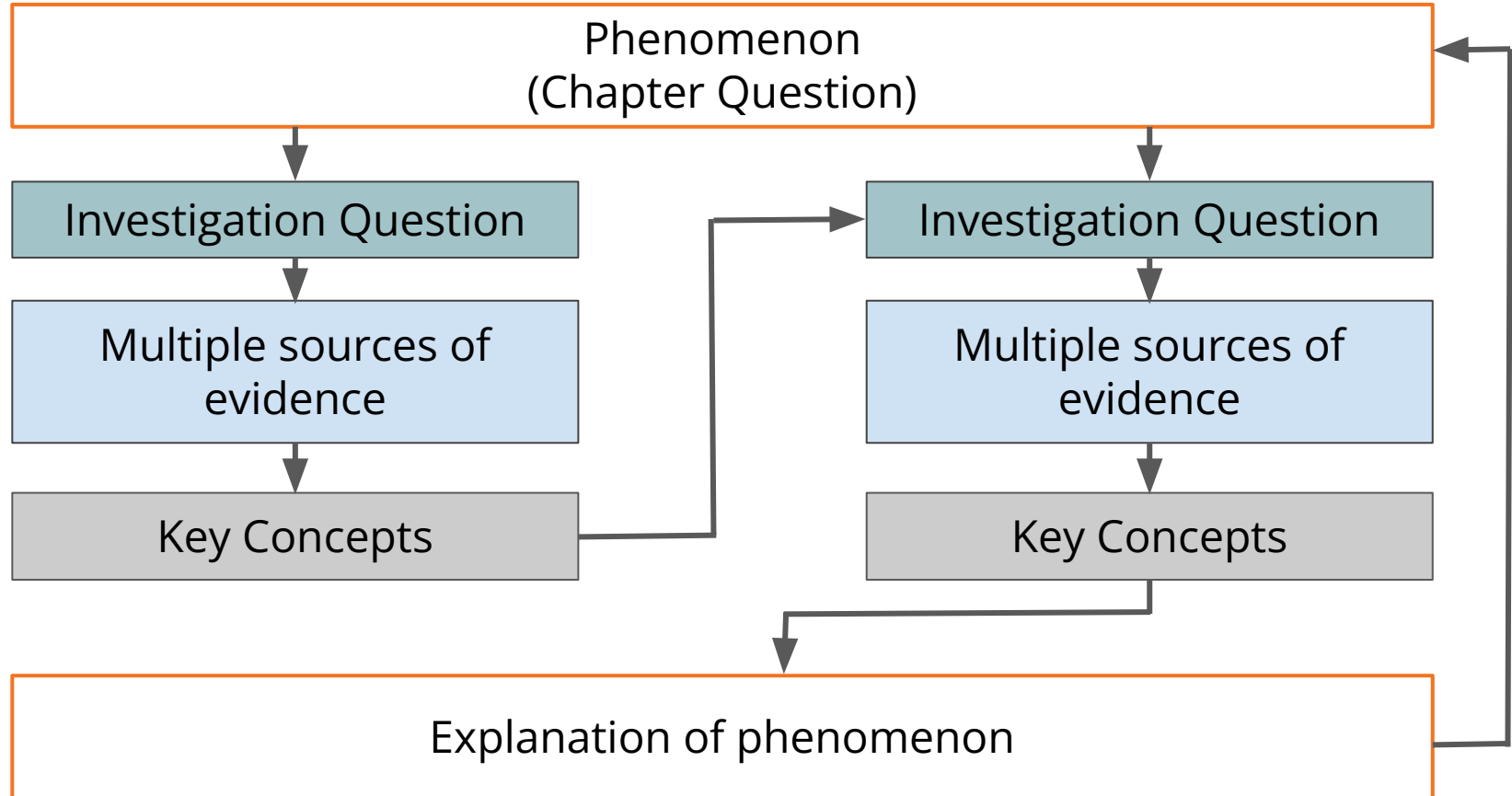


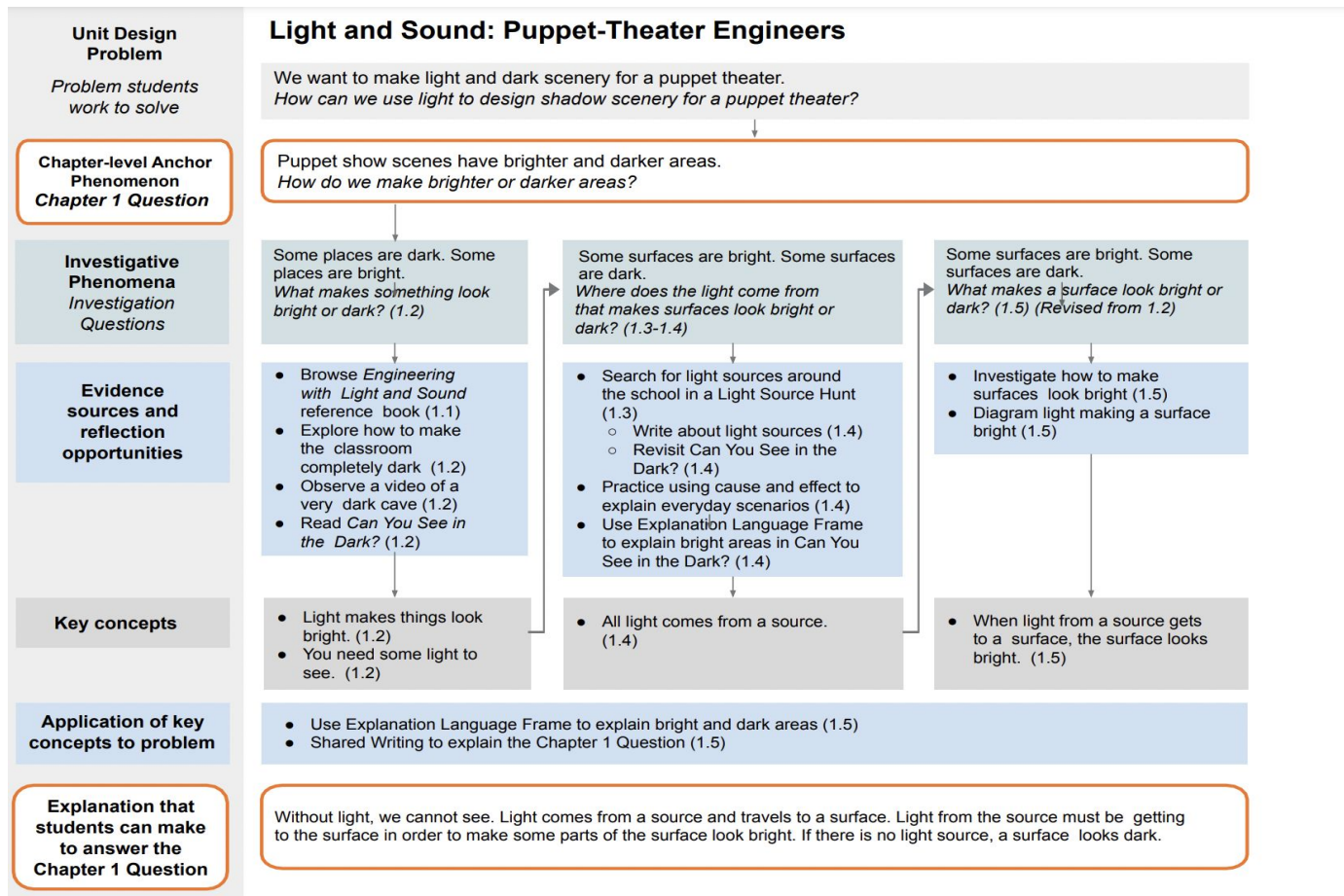
Coherence Flowchart

A diagram of student learning



Coherence Flowchart

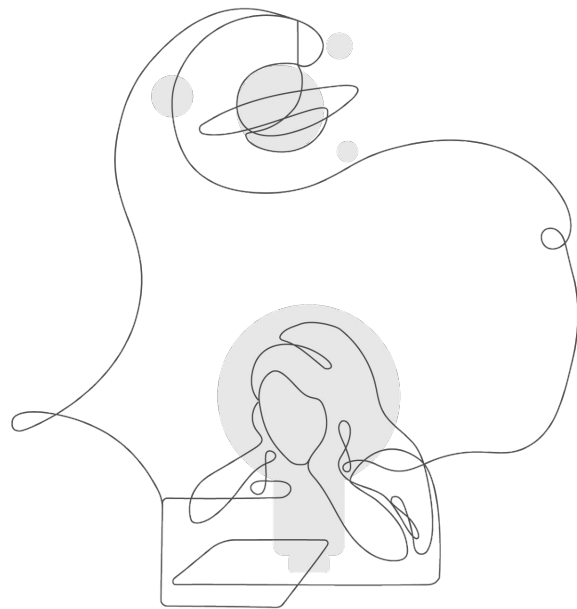




Explore the Coherence Flowchart

Skim the Chapter 1 Coherence Flowchart of your first unit.

How can the Coherence Flowchart serve you as a planning tool as you begin teaching Amplify Science?



Questions?

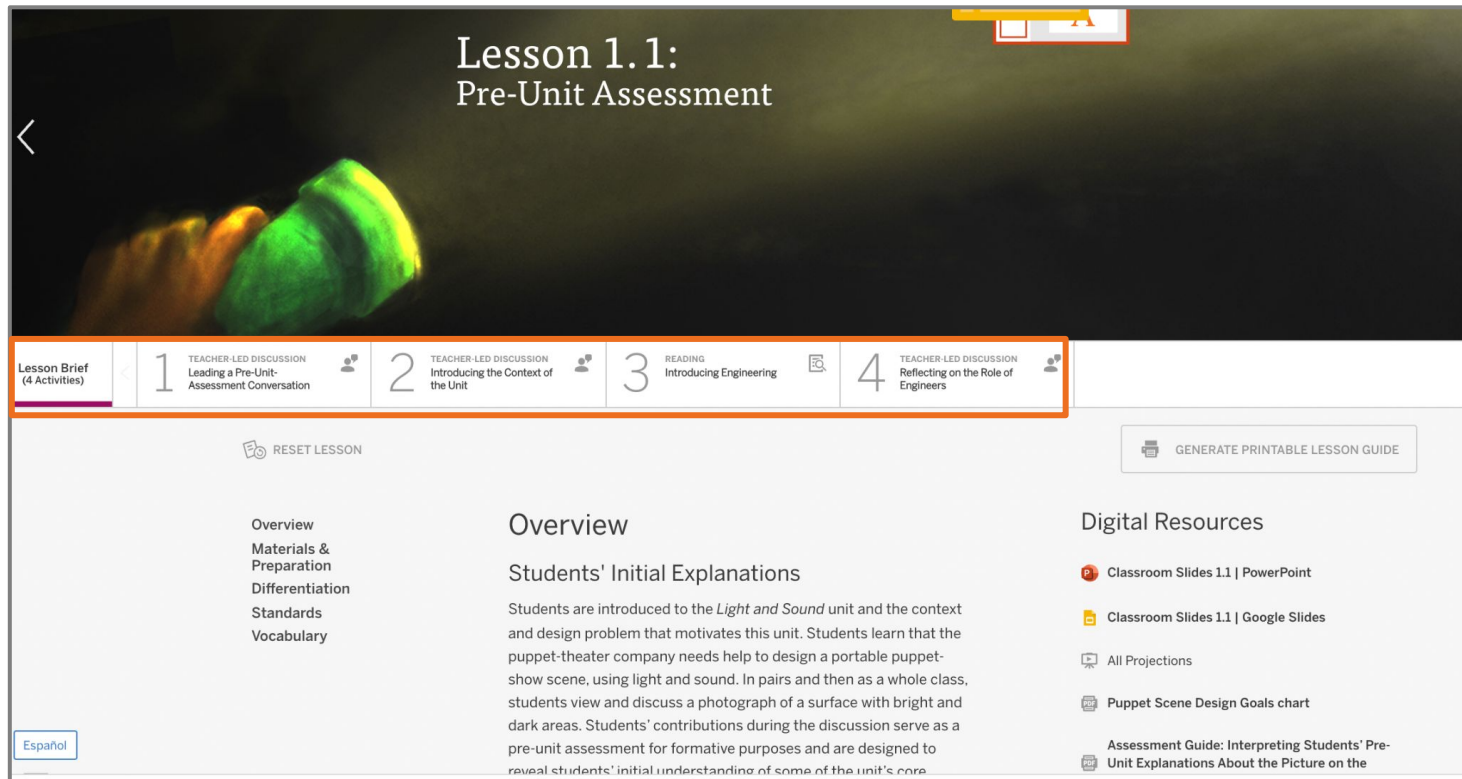




Plan for the day: Part 2

- Teaching and Learning in an Amplify Science Lesson
- Instructional Approach Reflection
- Planning a Lesson
- Closing

Navigate to the Lesson Brief



Lesson 1.1: Pre-Unit Assessment

<

Lesson Brief
(4 Activities)

1 TEACHER-LED DISCUSSION
Leading a Pre-Unit-
Assessment Conversation

2 TEACHER-LED DISCUSSION
Introducing the Context of
the Unit

3 READING
Introducing Engineering

4 TEACHER-LED DISCUSSION
Reflecting on the Role of
Engineers

RESET LESSON

GENERATE PRINTABLE LESSON GUIDE

Overview

Materials & Preparation

Differentiation

Standards

Vocabulary

Overview

Students' Initial Explanations

Students are introduced to the *Light and Sound* unit and the context and design problem that motivates this unit. Students learn that the puppet-theater company needs help to design a portable puppet-show scene, using light and sound. In pairs and then as a whole class, students view and discuss a photograph of a surface with bright and dark areas. Students' contributions during the discussion serve as a pre-unit assessment for formative purposes and are designed to reveal students' initial understanding of some of the unit's core

Digital Resources

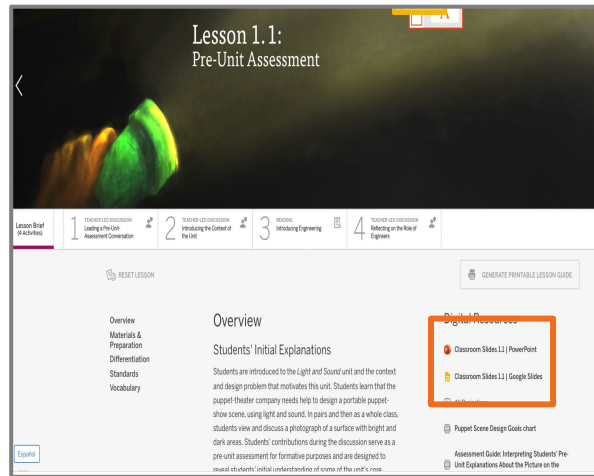
- Classroom Slides 1.1 | PowerPoint
- Classroom Slides 1.1 | Google Slides
- All Projections
- Puppet Scene Design Goals chart
- Assessment Guide: Interpreting Students' Pre-Unit Explanations About the Picture on the

Español

Preparing to teach

Classroom Slides

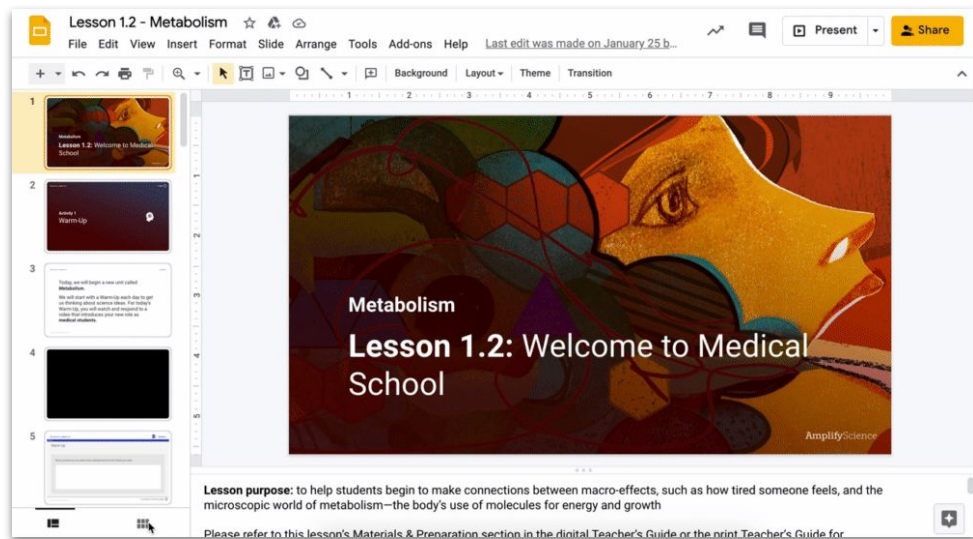
1. Open the Classroom Slides under the Digital Resources.
2. Read through the Classroom Slides including the **presenter notes** to gain a better understanding of the lesson.
3. Consider:
 - What features of the Classroom Slides will support you in teaching this lesson?



Using Classroom Slides as a planning tool

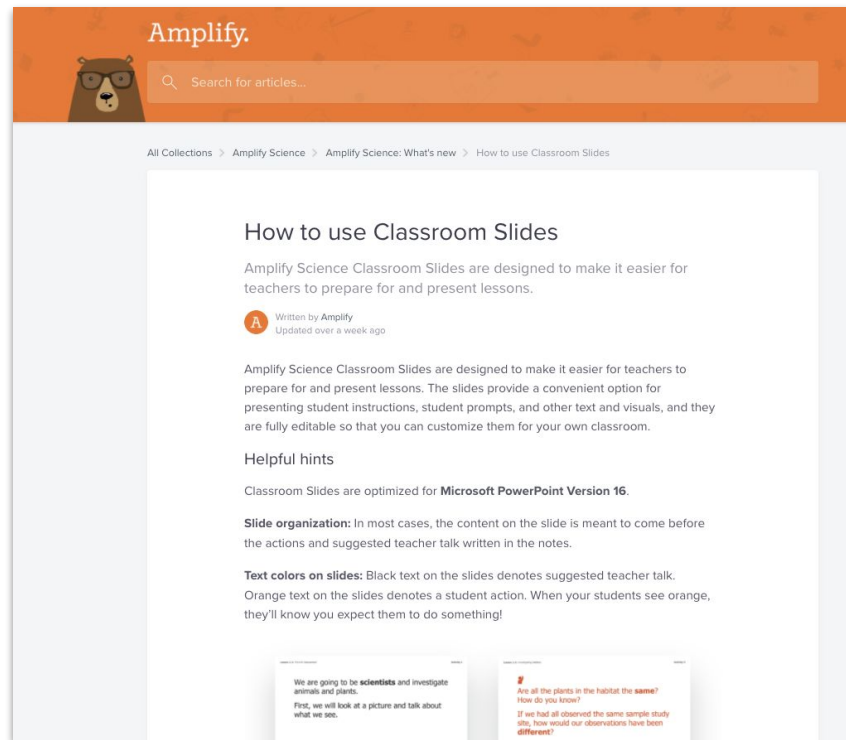
Teacher tip: Classroom Slides are a great visual summary of a lesson. Many teachers download and flip through a lesson's Classroom Slides deck to preview what happens in the lesson.

This is a useful first step for preparing to teach the lesson.



Teaching with Classroom Slides

This detailed guide on the Amplify Science Help Site includes tips for teaching with Classroom Slides and information about the different symbols and activity types you'll find in the slide deck.



4 Steps for Starting Your Lesson

1. Download **Classroom Slides** and review them.
2. Read the **Overview**.
3. Review the **Materials & Preparation** document.
4. Read the **Differentiation** document.

The screenshot shows a lesson plan interface for the unit 'Exploring How Dark It Can Get'. At the top, there is a navigation bar with four main sections: 1. TEACHER-LED DISCUSSION (Viewing Engineering Vocabulary), 2. HANDS-ON (Exploring How Dark It Can Get), 3. READING (Reading: Can You See in the Dark?), and 4. TEACHER-LED DISCUSSION (Introducing the What We Know About Light Chart). Below this is a sidebar with a 'RESET LESSON' button and a list of links: Overview, Materials & Preparation, Differentiation, Standards, and Vocabulary. The main content area is titled 'Overview' and contains text about students exploring light and dark places. To the right of the main content is a 'Digital Resources' section with links to Classroom Slides 1.2 (PowerPoint and Google Slides), Classroom Videos 1.2 (Zip), and two completed charts: 'What Engineers Do Chart' and 'What We Know About Light Chart'. A 'CAVE AND FLASHLIGHT VIDEO' link is also present. Four orange arrows with numbers 1 through 4 point to specific elements: Arrow 1 points to 'Classroom Slides 1.2 | Google Slides' in the Digital Resources section. Arrow 2 points to the 'Overview' link in the sidebar. Arrow 3 points to the 'Materials & Preparation' link in the sidebar. Arrow 4 points to the 'Differentiation' link in the sidebar.

Lesson ____	Activity Overview	
What is the purpose of this lesson? Access prior knowledge about rocks. Make observations of rocks.	Activity 1 (##min)	
What will students learn?	Activity 2 (##min)	
3-D Statement (identify SEP, CCC, and DCI):	Activity 3 (##min)	
Student Resources:	Activity 4 (##min)	
Assessment Opportunities:	Activity 5 (##min)	

Lesson <u>1.2</u>	Activity Overview	
<p>What is the purpose of this lesson?</p> <p>The purpose of this lesson is to draw on students' previous experiences and to connect to their hands-on explorations and reading explorations to understand that most places, even those that seem dark, usually have some source of light and that you need this light to see.</p>	<p>Activity 1 (5 min)</p>	<p>Reviewing Engineering Vocabulary</p>
<p>What will students learn?</p> <ul style="list-style-type: none"> •Light makes things look bright. •You need some light to see. •Science knowledge can change when new information is found. 	<p>Activity 2 (10 min)</p>	<p>Exploring How Dark It Can Get</p>
<p>3-D Statement (identify SEP, CCC, and DCI):</p> <p>Students first try to make the classroom completely dark (cause and effect) and then obtain and evaluate information from <i>Can You See in the Dark?</i>, a book that follows a child's effort to figure out whether people need light to see.</p>	<p>Activity 3 (5 min)</p>	<p>(Teacher Only) Observing a Dark Place</p>
<p>Student Resources: n/a</p>	<p>Activity 4 (15 min)</p>	<p>Reading: Can You See in the Dark?</p>
<p>Assessment Opportunities: On-The-Fly, Activity 3</p>	<p>Activity 5 (10 min)</p>	<p>Introducing the What We Know About Light Chart</p>

Remember to plan for...

Student work:

- How do you plan to collect evidence of student work?

Differentiation:

- How do you plan to differentiate the lesson for diverse learners?

4 Steps for Starting Your Lesson

1. Download **Classroom Slides** and review them.
2. Read the **Overview**.
3. Review the **Materials & Preparation** document.
4. Read the **Differentiation** document.
5. If you have time, navigate to **Lesson 1.3** and repeat steps 1-4.

The screenshot shows a lesson plan interface for a unit on light and dark. At the top, there is a navigation bar with four tabs: 1. TEACHER-LED DISCUSSION (Viewing Engineering Vocabulary), 2. HANDS-ON (Exploring How Dark It Can Get), 3. READING (Reading: Can You See in the Dark?), and 4. TEACHER-LED DISCUSSION (Introducing the What We Know About Light Chart). Below the navigation bar, there is a sidebar on the left with a 'RESET LESSON' button and a list of links: Overview, Materials & Preparation, Differentiation, Standards, and Vocabulary. The main content area is titled 'Overview' and contains text about students learning about light and dark places. On the right side, there is a 'Digital Resources' section with a list of resources: Classroom Slides 1.2 | PowerPoint, Classroom Slides 1.2 | Google Slides, Classroom Videos 1.2 | Zip, What Engineers Do Chart: Completed, What We Know About Light Chart: Completed, and Cave and Flashlight video. Four orange arrows with numbers 1 through 4 point to specific elements: Arrow 1 points to 'Classroom Slides 1.2 | Google Slides', Arrow 2 points to 'Overview', Arrow 3 points to 'Materials & Preparation', and Arrow 4 points to 'Differentiation'.

RESET LESSON

GENERATE PRINTABLE LESSON GUIDE

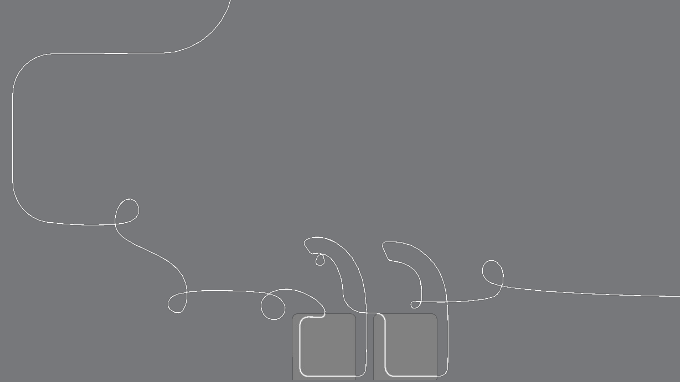
Overview

Students begin learning about bright and dark places by exploring them in firsthand and secondhand ways. First, they try to create a very dark space in the classroom. Next, they observe a video of a completely dark cave that is gradually illuminated by a flashlight. Then, the teacher reads a book to support students in thinking about dark and darker places. Students learn about asking questions to gather additional information while they read. The class begins to create the What We Know About Light chart to record new understandings about light and dark. The purpose of this lesson is to draw on students' previous experiences and to connect to their hands-on explorations and reading explorations to understand that

Digital Resources

- Classroom Slides 1.2 | PowerPoint
- Classroom Slides 1.2 | Google Slides
- Classroom Videos 1.2 | Zip
- What Engineers Do Chart: Completed
- What We Know About Light Chart: Completed
- Cave and Flashlight video

Questions?





Plan for the day: Part 2

- Teaching and Learning in an Amplify Science Lesson
- Instructional Approach Reflection
- Planning a Lesson
- Closing

Additional resources

Welcome, caregivers!

We hope you enjoy learning more about Amplify Science and what students are learning in science this year.

[Para acceder a este sitio en español haga clic aquí.](#)

Amplify welcomes you and your learner to the Science program for the new school year. We are very excited to



Grades 6-8



[Caregivers](#)

LAUSD Microsite-

<https://amplify.com/laUSD-science>

Welcome to Amplify Science!

This site contains supporting resources designed for the LAUSD Amplify Science adoption for grades TK–8.

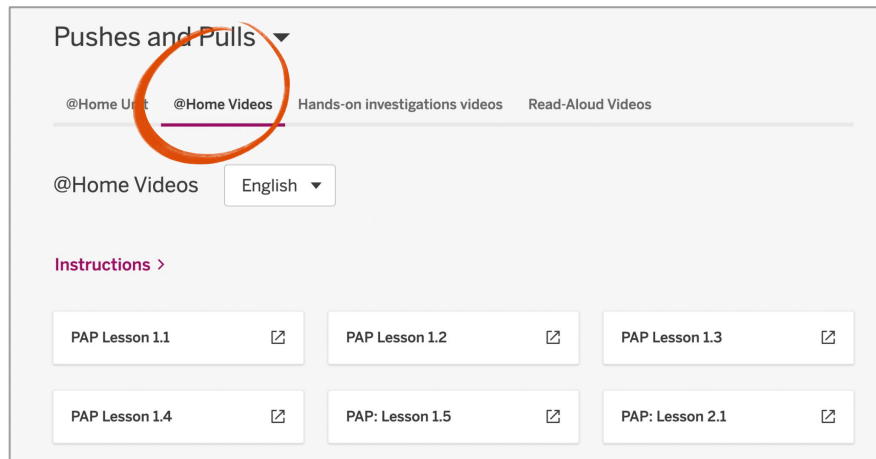
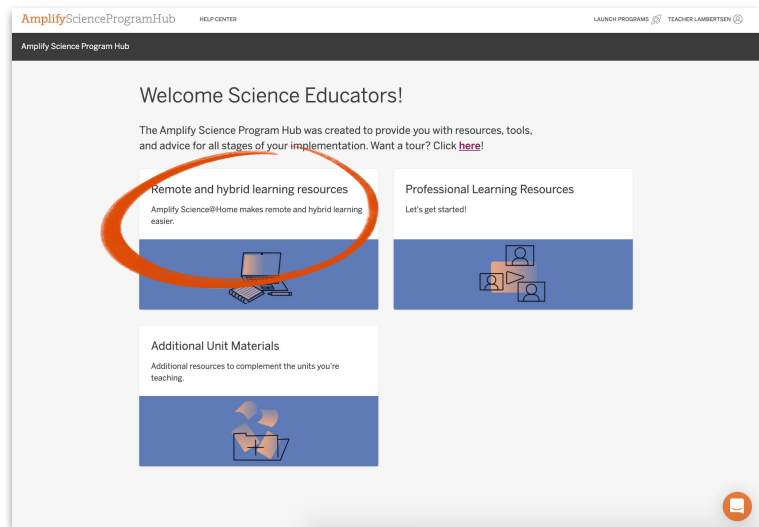
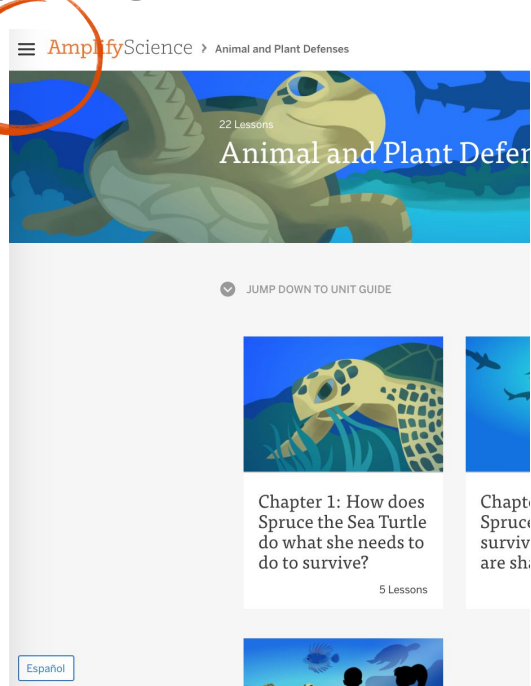
- Access the [Amplify Science Program Hub](#) (To help orient you to the new design, watch this [video](#) and view this [reference guide](#).)
- Find out more about [Amplify Science@Home](#)
- Share the [Caregiver Hub](#) (Eng/Span) with your families
- For LAUSD ES Teachers- [Amplify Science & Benchmark Advance Crosswalk](#)
- Instructional guidance for a [Responsive Relaunch of Amplify Science in 21-22](#)

Click the button below to preview the digital Teacher's Guide, and check back for exciting updates to this site!



Program Hub

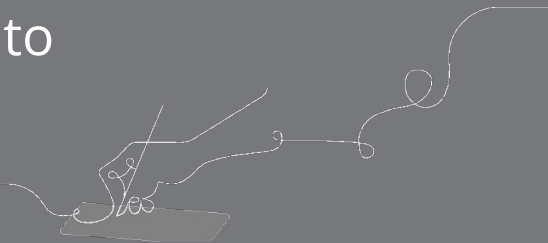
Use the Amplify Science Program Hub to find useful resources for implementing Amplify Science, including unit overview videos and planning tools.



Overarching goals

By the end of this workshop, you will be able to:

- ☑ Navigate the Amplify Science curriculum.
- ☑ Describe what teaching and learning look like in Amplify Science.
- ☑ Apply the program essentials to prepare to teach.



Closing reflection

Based on our work today in Part 2, share:

Head: something you'll keep in mind

Heart: something you're feeling

Feet: something you're planning to do

Additional resources and ongoing support

Customer Care

Seek information specific to enrollment and rosters, technical support, materials and kits, and teaching support, weekdays 7AM-10PM EST and weekends 10AM-6PM EST.



help@amplify.com



800-823-1969



Amplify Chat



Please provide feedback!

Presenter name:

Workshop title:

Part 1: Relaunching the Standard Curriculum

Part 2: Guided Planning (Planning for a Lesson)

Modality:

Remote

