Welcome to Amplify Science!

Do Now: Login and open your digital participant materials





- 1. Go to **learning.amplify.com**
- 2. Select Log in with Amplify
- 3. Enter teacher demo account credentials
 - xxxxxxxx@pd.tryamplify.net
 - o Password: xxxx
- 4. Explore as we wait to begin

Amplify.

Welcome to Amplify Science!

This site contains supporting resources designed for the Los Angeles Unified School District Amplify Science adoption for grades TK-8.

All LAUSD schools have access to Amplify Science resources at this time.

Click here for Remote Learning Resources for Amplify Science

Click here to go back to the LAUSD homepage.

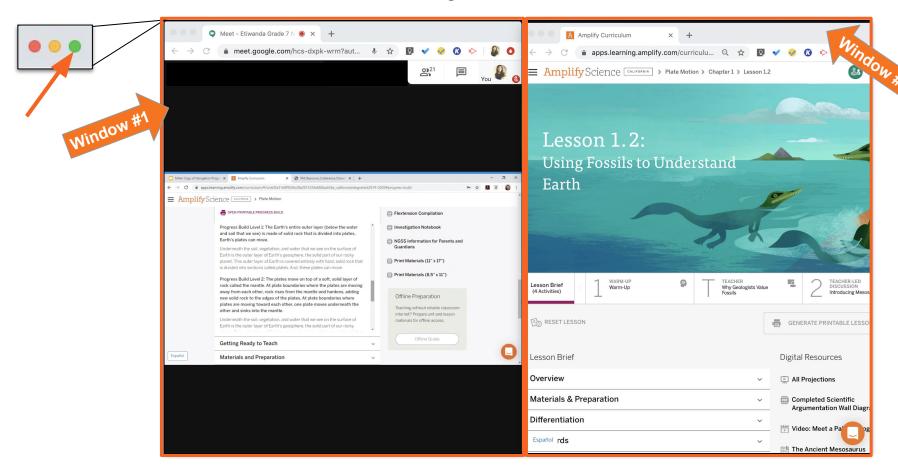
Click the button below to preview the digital Teacher's Guide, and check back for exciting updates to this site!





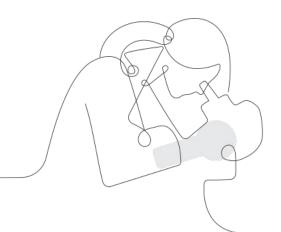
https://amplify.com/lausd-science/

Use two windows for today's webinar



Amplify Science CALIFORNIA

Third Grade Remote Learning and Guided Planning Session



LAUSD

Date:

Presented by

Remote Professional Learning Norms



Take some time to orient yourself to the platform

• "Where's the chat box? What are these squares at the top of my screen?, where's the mute button?"



Mute your microphone to reduce background noise unless sharing with the group



The chat box is available for posting questions or responses to during the training



Make sure you have a note-catcher present

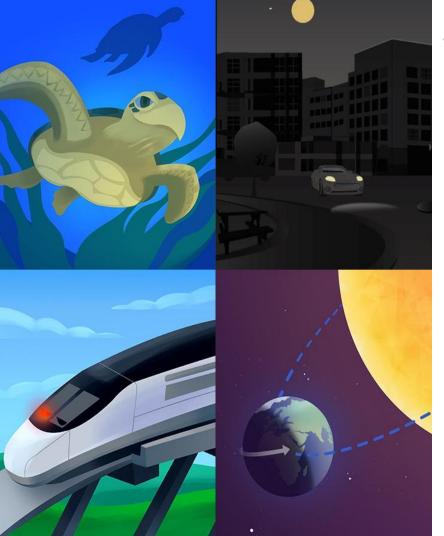


Engage at your comfort level - chat, ask questions, discuss, share!

Objectives

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

- Select the Amplify Science@Home resources that best fit your instructional context
- Internalize tips and strategies for remote and hybrid instruction using Amplify Science@Home
- Plan how you will leverage Amplify Science@Home resources in a remote setting for back-to-school



Plan for the day

- Framing the day
 - Welcome and introductions
 - Reflection and vision setting
 - Revisiting the Amplify Approach
- @Home Resources Introduction
 - o @Home Videos
 - o @Home Units
 - Resource selection
- Guided Planning
 - Utilizing @Home Resources
- Reflection and closing



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Remote Learning Reflection

1-2-3 Stop and jot: Last year, while teaching remotely...

- What was one challenge, problem, or roadblock you or your students experienced?
- What were **two** successes you or your students experienced?
- What are **three** new things you learned or new insights you gained?

Note catcher
Reflection: Teaching remotely last year
One challenge, problem, or roadblock you or your students experienced
Two successes in your teaching
Three things you learned or new insights
Three things you learned of new insignts

Setting a vision

Vision setting

Beginning of the session: Based on your reflection, set a vision for science this year. What do you hope your students will get out of science time?

What are you hoping your students get out of science

this year?

Cultivate a love of science

Think and work like real scientists

problem solve

Feel Successful
and build
academic
confidence

Develop flexible scientific understanding

> Collaborate and communicate

Multimodal, phenomenon-based learning

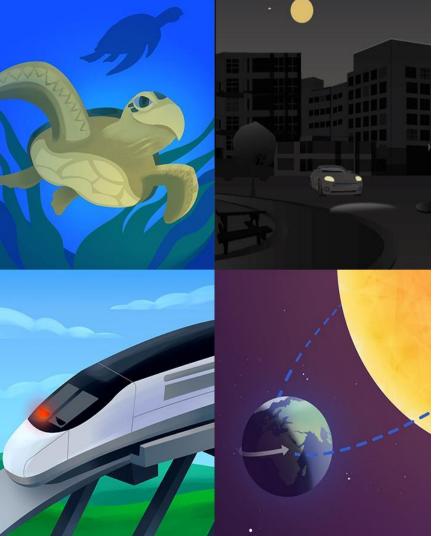
In each Amplify Science unit, students embody the role of a scientist or engineer to **figure out phenomena**.

They gather evidence from multiple sources, using multiple modalities.





Questions?



Plan for the day

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	Overview: Amplify Science@Home		
	Amplify Science@Home Videos	Amplify Science@Home Uni	
Notes from resource overview			
Notes from exploration			
How could this resource help you achieve the vision you			
set for this school year?			



Amplify Science@Home

A suite of new resources designed to make extended remote and hybrid learning easier for teachers and students.

AmplifyScience@Home

- Built for a variety of instructional formats
- Digital and print-based options
- No materials required
- Available in English and Spanish (student and family materials)
- Accessible on the Amplify
 Science Program Hub





AmplifyScience@Home

Two different options:

@Home Units

 Packet or slide deck versions of Amplify Science units condensed by about 50%

@Home Videos

Video playlists of Amplify
 Science lessons, taught by real
 Amplify Science teachers

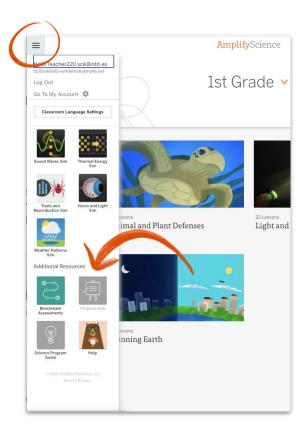




Accessing Amplify Science@Home

Amplify Science Program Hub

- New site containing Amplify
 Science@Home and additional PL resources
- Accessible via the Global Navigation menu



AmplifyScience@Home

 First unit for each grade level is now available on the Science Program Hub

 Additional units rolling out throughout back-to-school









Amplify Science K-5

Grade K

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

Grade 3

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

Grade 1

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

Grade 4

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

Grade 2

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

Grade 5

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

Stop and Jot

First, ask yourself...

- How much time do students have to learn science in the upcoming school year?
- Do your students have access to technology at home, or do you need a print-only solution?



@Home Videos

Versions of original Amplify Science lessons adapted for remote learning and recorded by real Amplify Science teachers

@Home Videos

- Lesson playlists include all activities from original units
- Great option if have the same amount of instructional time as you typically would for science
- Requires tech access at home
- Use videos as models for making your own lesson videos or leading online science class





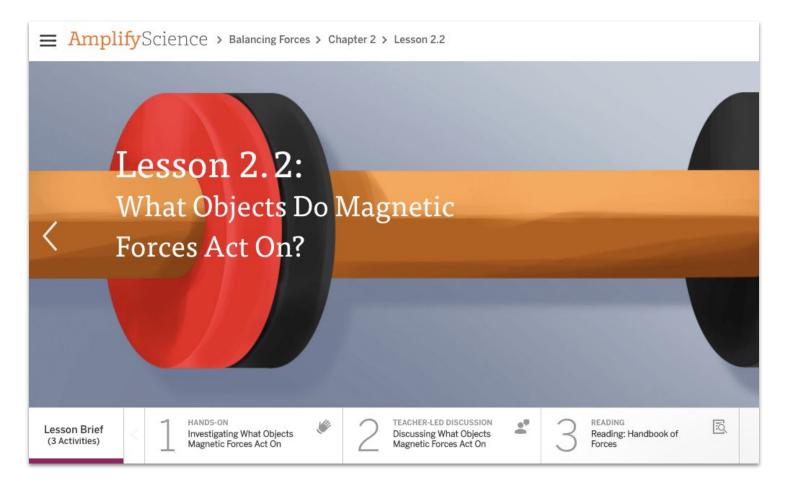
Interactive video experience

- Calls to action
 - Think prompts, pause and take notes, stand up and try it, talk to someone
- Stand-alone videos within lesson playlists
 - Read-alouds, digital tool uses, hands-on
- Options to use notebooks and/or materials if available

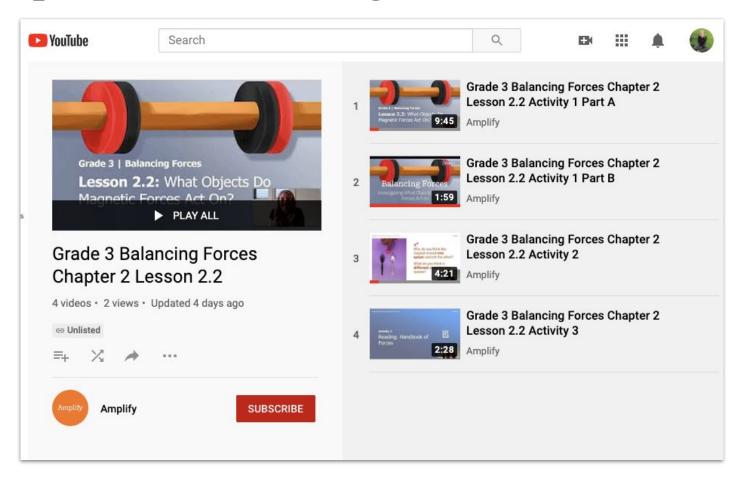




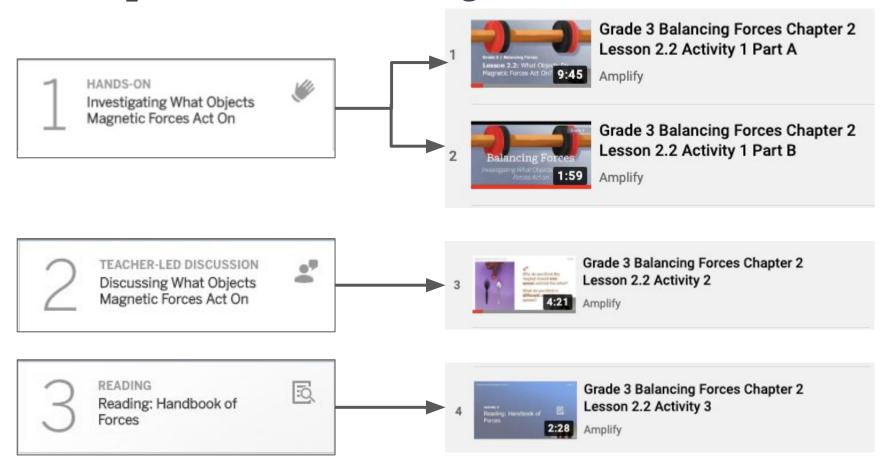
Example lesson: Balancing Forces 2.2



Example lesson: *Balancing Forces* 2.2



Example lesson: *Balancing Forces* 2.2



@Home Videos

Using the resources

- Assign videos for students to watch during remote, asynchronous time
- Leverage synchronous time for live teaching
 - Lots of time? Teach full lessons
 - Less time? Revisit and preview (see table)

Synchronous time

- Online discussions
- Hands-on investigations (option for teacher demo)
- Sim demonstrations
- Interactive read-alouds
- Shared Writing
- Co-constructed class charts

Log in





- 1. Go to learning.amplify.com
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- 3. Enter teacher demo account credentials
 - o xxxxxxx@pd.tryamplify.net
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- 4. Explore as we wait to begin

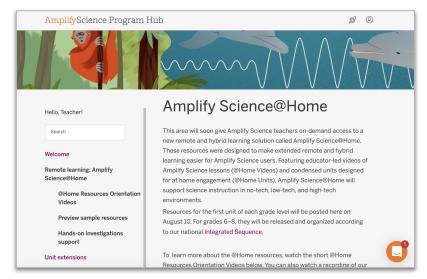
Amplify Science Program Hub

A new hub for Amplify Science resources

Go to: science.amplify.com/programhub

username: sciencelearningca

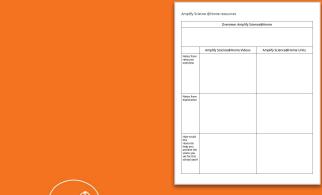
password: DemoOnly1234



Explore your @Home Videos

Navigate to Balancing Forces on the Program Hub and explore a video lesson. You may want to compare the video lesson to the lesson in the Teacher's Guide.

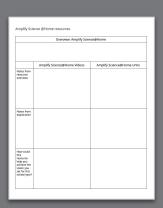
During your work time, consider how this resource can help you reach the vision you set for science this year.





Share insights

How could @Home Videos help your you and your students achieve the vision you set for science this school year?



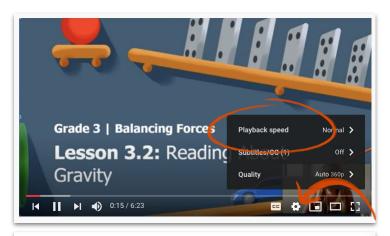
Questions?

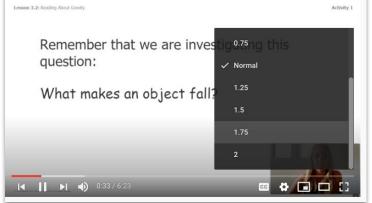
Planning suggestions: @Home Videos

The Teacher's Guide is the best planning tool for @Home videos.

- Use the Lesson Overview
 Compilation in the Unit Guide as a pacing and planning tool.
- Refer to the lessons themselves to plan for synchronous instruction.

Try adjusting the playback speed of videos to preview them.







@Home Units

Strategically modified versions of Amplify Science units, highlighting key activities from the program

@Home Units

- Solution for reduced instructional time
- Two options for student access



@Home Packets:

print-based

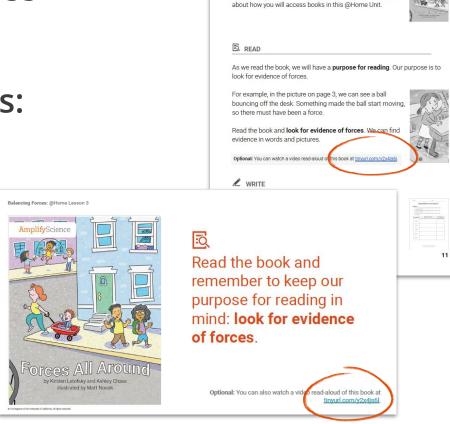


@Home Slides and Student
Sheets: tech-based

Options for student access

Embedded links to videos:

- Hands-on demonstrations
- Digital tool activities
- Read-alouds



Balancing Forces @Home Lesson 3

We've been investigating to find out: What makes an object start to move? We will gather more evidence today by reading a book. Forces All Around. Check with your teacher

Options for student access

Alternative to embedded video links

Access via curriculum:

- Digital tools (Grades 2-8)
- Digital books (Grades K-5)

Hands-on demos accessible only via embedded YouTube links



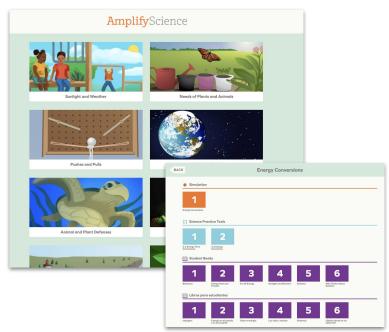
K-5 digital access

apps.learning.amplify.com/elementary

A. Log In with Amplify

Username: ampsci123

Password: ampsci123



@Home Unit resources

All resources are fully editable and customizable

Family Overview

Provides context for families

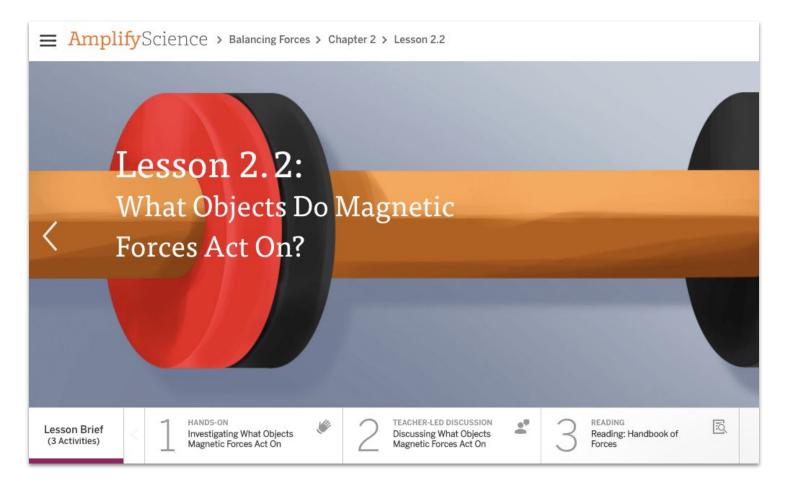
Teacher Overview

- Outlines the unit and summarizes each lesson
- Suggestions for adapting for different scenarios

Student materials

 ~30-minute lessons (slide decks or packets) featuring prioritized activities from Amplify Science curriculum

Example lesson: Balancing Forces 2.2



@Home Lesson 5: Combines 2.1 and 2.2

@Home Lesson 5

Adapted from: Amplify Science Balancing Forces Lessons 2.1 and 2.2

Key Activities

- Introducing the Chapter 2 Question: Students review what they have figured out about the floating train, and are introduced to the Chapter 2 Question.
- Do: Students investigate non-touching forces, using any magnets they have on hand and other everyday materials.
- Talk: Students discuss evidence of non-touching forces and patterns in what objects are moved by magnets.

Ideas for synchronous or in-person instruction

Before meeting, have students complete the hands-on investigation. When meeting, have students share their observations and ideas. If meeting in person, you might also have students extend their hands-on exploration with materials from the *Balancing Forces* kit (as in *Balancing Forces* Lesson 2.1, Activity 1) before discussing findings.

Show Lesson 5 slides and packet sample

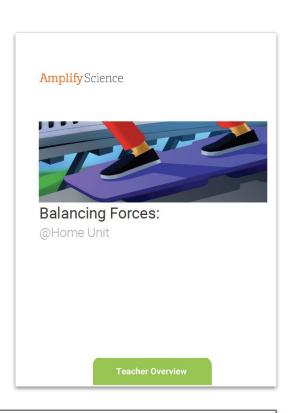
Teacher Overview

Unit-level

- Overview of resources
- Pacing
- Planning for instructional routines
- Assessment considerations

Lesson-level

- Chapters at a glance
- Lesson outlines

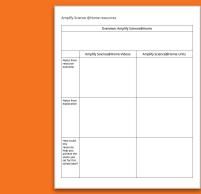


*Appendix provides the student investigation notebook pages that go with each lesson.

Explore your @Home Unit

Navigate to Balancing Forces on the Program Hub and explore. You may choose to start with the Teacher Overview, or dig into a lesson.

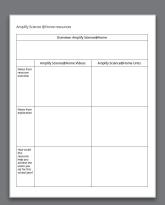
During your work time, consider how this resource can help you reach the vision you set for science this year.





Share insights

How could @Home Units help your you and your students reach the vision you set for science this school year?

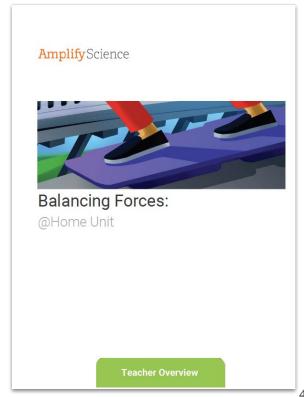


Questions?

Planning suggestions: @Home Units

Read the Teacher Overview carefully! Pay particular attention to these sections:

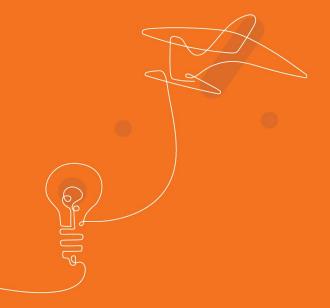
- Overview of @Home Unit Resources
 - Heads-ups about instructional decisions to plan for
- Adapting the Amplify Science Approach for Remote Learning
 - Planning support for multimodal instruction





Questions?





Using the resources

Sample instructional scenarios

Amplify.

@Home Resources example use case

Remote Model: with synchronous & asynchronous learning



Days 1 & 2
Asynchronous

Assign: Lesson 1.1 @Home Video and sheets for students to work through on their own



Day 3

Synchronous

Teach: Lesson 1.2 using clips from the @Home Video



Day 4

Asynchronous

Assign: Lesson 1.3 @Home Packet or @Home Slides for students to work through on their own



Day 5

Synchronous

Revisit: hands-on or discourse-based activities from the week's lessons

48

Sample instructional scenario

Remote Asynchronous Model: Students work flexibly through

content





Assign 1-2 @Home Lessons (packet or slides) or @Home videos





Friday

Students submit work product through email, Google Classroom, or by writing on paper and texting the teacher a photo of their work

Let's Discuss

How do you plan to use these resources?













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Guided Planning



Planning with @Home Resources

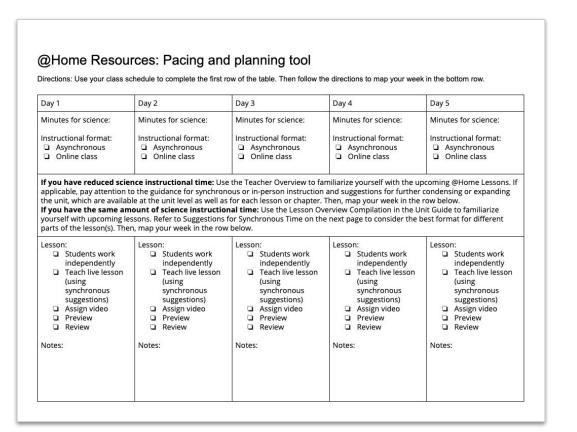
Planning tool: @Home Resources @Home Units: Planning for instructional routines and multimodal learning A first step in planning to use @Home Units is determining how your students will engage with multimodal learning. Your @Home Unit's Teacher Overview provides guidance to frame decisions you'll need to make, and many suggestions to support decision making. Find "Adapting the Amplify Science Approach for Remote Learning" in your Teacher Overview. Review the categories and suggestions, then use the organizer below to make a plan. How will you approach this What do you need to plan or do to How will you communicate your modality or instructional routine? enact this approach? plan with students and/or Note, you may vary your families? approach throughout the unit. Student talk Student writing Reading

@Home Units: Planning for instructional routines ar	d multimodal learning (cont.)
---	-------------------------------

	How will you approach this modality or instructional routine? Note, you may vary your approach throughout the unit.	What do you need to plan or do to enact this approach?	How will you communicate your plan with students and/or families?
Hands-on			
Classroom wall			
Digital tools See Student Resources in the Teacher Overview for guidance on digital tools			

K-5 Digital Tool Access: apps.learning.amplify.com/elementary Username: ampsci123 Password: ampsci123

Planning with @Home Resources

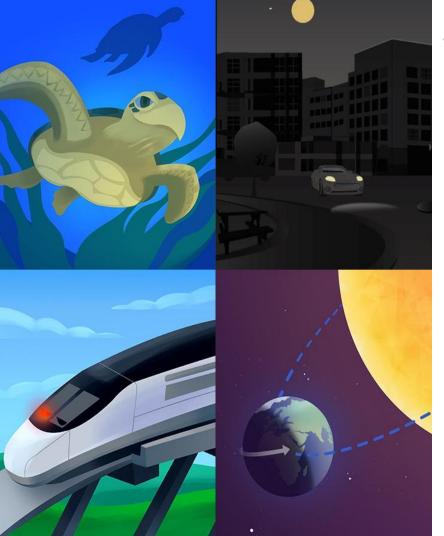


Planning to use @Home Units

- Download and read your unit's **Teacher Overview** on the Program Hub
- Plan for establishing key routines for talk, writing, reading, hands-on, and classroom wall references
 - (See: Adapting the Amplify Science Approach for Remote Learning in your unit's Teacher Overview)
- Determine how students will access slides or packets, and how they will submit work
- Consider pacing, including when you have synchronous science time with your students (if applicable)

Planning to use @Home Videos

- Determine how students will access videos, and how they will submit work
- Consider pacing, including when you have synchronous/in-person science time with your students (if applicable)
- Plan for student access to digital tools and/or digital books (if applicable)
- Consider how you'll communicate with families about this resource



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Vision Reflection

Revisit the vision you set for your students at the beginning of this session.

How will the Amplify Science@Home help you reach that goal?



Revisiting our objectives

Do you feel ready to...

- Select the Amplify Science@Home resources that best fit your instructional context?
- Internalize tips and strategies for remote and hybrid instruction using Amplify Science@Home?
- Plan how you will leverage Amplify Science@Home resources in a remote setting for back-to-school?

1- I'm not sure how I'm going to do this!

3- I have some good ideas but still have some questions.

5- I have a solid plan for how to make this work!

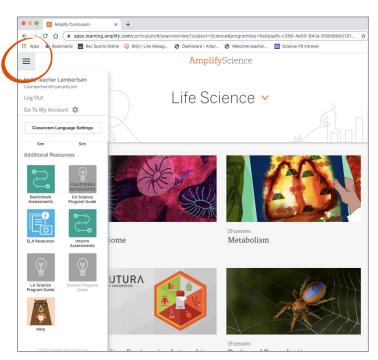


Amplify Science Program Hub

A new hub for Amplify Science resources

- Videos and resources to continue getting ready to teach
- Amplify@Home resources
- Keep checking back for updates

science.amplify.com/programhub



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

Schoology Apps

Elementary school teachers will need to download 2 apps.



Amplify Science: Elementary School Student Edition

Content Area: Science Grade Level: ES Content Type: Core

Integration Type: App (Left Navigation)

Purchase Type: District Getting Started Guide

Other Info: Grade sync unavailable

Vendor Support Desk:

P: 800.823.1969 E: help@amplify.com

S: amplify.com/support/ Textbook Title(s):

NA



Amplify Science: Teacher Edition

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S: amplify.com/support/
Textbook Title(s):

NA

Schoology Apps

Elementary school teachers will need to download 2 apps.



Elementary School Student Edition - downloading this app pushes the content to students (students DO NOT need to download anything)



Teacher Edition - downloading this app gives full teacher access - this is the app that teachers will ACTUALLY USE

Additional Amplify resources



Program Guide

Glean additional insight into the program's structure, intent, philosophies, supports, and flexibility.

https://my.amplify.com/programguide/content/national/welcome/science/

Amplify Help

Find lots of advice and answers from the Amplify team.

my.amplify.com/help

Additional Amplify Support

Customer Care

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



scihelp@amplify.com



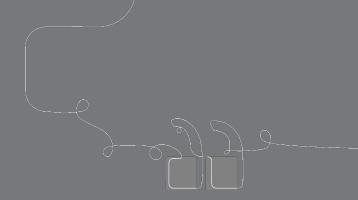
800-823-1969



Amplify Chat

When contacting the customer care team:

- Identify yourself as an Amplify Science user.
- Note the unit you are teaching.
- Note the type of device you are using (Chromebook, iPad, Windows, laptop).
- Note the web browser you are using (Chrome or Safari).
- Include a screenshot of the problem, if possible.
- Copy your district or site IT contact on emails.



Final questions?

Thank you for attending today's session! Please provide us feedback!

Presenters: XXX

Cohort:

