

Remote and hybrid learning guide



For most schools in the U.S., back to school this fall will not look like last year. You and your leadership have likely already started conversations about necessary modifications to the schedule, content, and instructional routines, which may include any combination of the following:

Remote learning



ONLINE

Students learn at home **and** have access to some level of technology



OFFLINE

Students learn at home **and do not** have access to technology other than potentially smartphones

Hybrid learning



IN-PERSON/ONLINE AT HOME

Students spend some time in school and some at home
and have access to technology



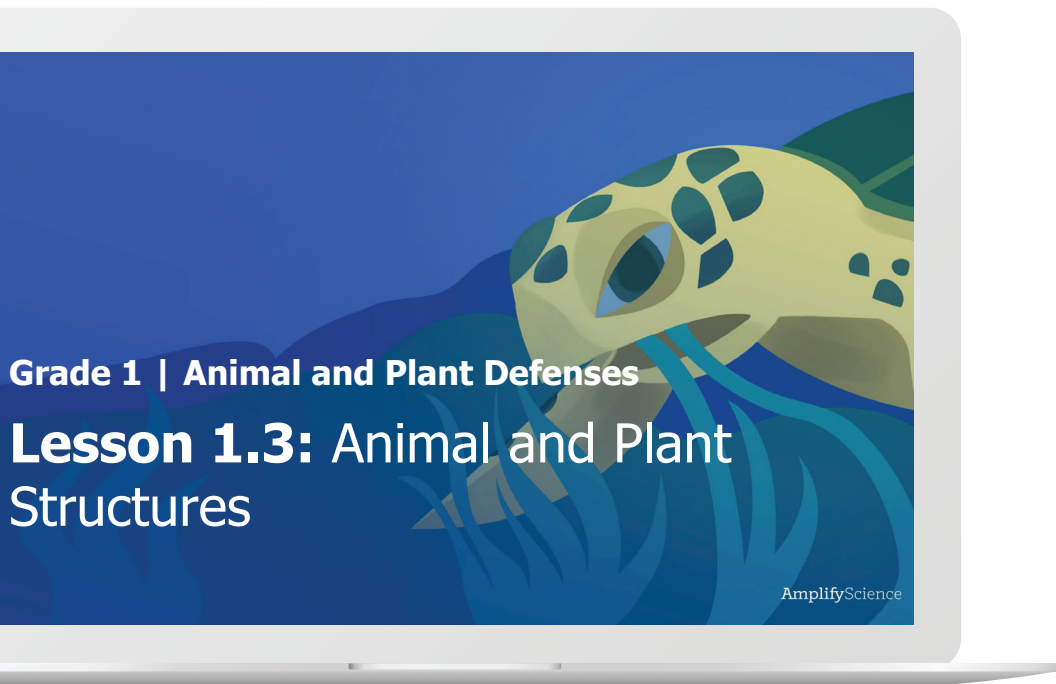
IN-PERSON/OFFLINE AT HOME

Students spend some time in school and some at home
and do not have access to technology

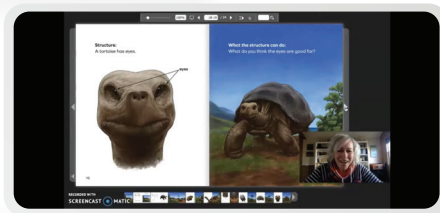


Scenario planning

Amplify is here to help! Amplify Science will soon feature product enhancements and new resources that will help you and your staff effectively manage the new landscape of back to school 2020, including any combination of the previously mentioned scenarios.



In addition to planned program enhancements such as Classroom Slides for grades 6–8 slides and K–5 read-aloud functionality, we are launching a new remote learning solution called **Amplify Science@Home** to make extended remote learning and hybrid learning easier. With Amplify Science@Home, teachers gain access to educator-led videos of Amplify Science lessons taught remotely as well as a newly curated selection of key activities from the Amplify Science curriculum that work in no-tech, low-tech, and high-tech scenarios.



Amplify Science@Home

New resources to help you facilitate learning in both remote and hybrid settings.

@Home Videos

Available for each lesson of Amplify Science, in English and Spanish

Wish you could bring virtual Amplify Science instruction into your students' homes? Would you like to see examples of how to teach Amplify Science remotely? Our @Home Videos are here to help. The videos show versions of original Amplify Science lessons adapted for remote learning and recorded by real Amplify Science teachers. As a teacher, you can send the @Home Videos directly to students or use the videos as a model to prepare for delivering the lesson yourself—live or recorded!

If you need a print-only solution, or your time for science is significantly reduced, we have you covered! In this case, you'll want to use the new @Home Units.



Reference and teaching resources

@Home Units

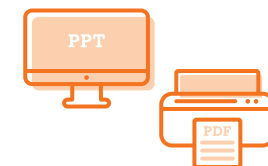
Featuring select activities from Amplify Science, modified for at-home use

The @Home Units are modified versions of Amplify Science units, highlighting key activities from the program. The @Home Units allow students to engage with science at home and take significantly less instructional time than the complete Amplify Science program. The @Home Units include:

- Teacher overviews explaining how to use the materials.
- Suggestions for enhancing the @Home Units if you have synchronous learning or in-class time with your students.
- Resources to send home to families.
- Assessment considerations.
- Student materials available in two formats:
 - @Home Slides (PDF/PPT) + Student Sheets (PDF) for students with access to technology at home.
 - Downloadable @Home Packets (PDF) for students without access to technology at home.



Teacher resources



Student resources

Options for teaching Amplify Science remotely

Here are possible implementation models based on 1) time to teach science and 2) resources available to students when learning at home.

“I’m expecting kids to spend significantly less time learning science, and we will have limited or no synchronous instruction time.”

Use the @Home Units as your basis for instruction.

- If students have access to devices at home, use the @Home Slides.
- If students do not have access to devices at home, use the downloadable @Home Packets.
- If you have some synchronous time, whether in class or remote, use the suggestions for adapting the @Home Units to incorporate some synchronous learning.

“I’m expecting kids to spend roughly the same amount of time learning science, and we will have significant synchronous instruction time.”

Use the full Amplify Science program as your basis for instruction. This scenario assumes students have devices at home for remote learning.

- Provide synchronous instruction in class or remotely via web conferencing.
- Supplement with @Home Videos for additional asynchronous instruction.



Support for families

@Home Units include information to send home to families about the unit's goals, materials, and approach. For more general information on the Amplify Science program, families can access the [Family Resources website](#). This site includes a short video introduction to the NGSS standards, a high-level overview of the program's components, summaries of all the units, and ideas for student investigations to conduct at home.



Training resources for teachers

We will be launching a new library of professional learning videos that will give teachers information about how to get started with Amplify Science. New teachers can use these resources to learn about our curriculum materials, navigation, and planning best practices, while even experienced teachers may find these resources to be a useful refresher!

Topics will include:

- Program overview
- Navigation support
- Planning
- Assessment
- Teaching remotely and in hybrid settings using Amplify Science@Home.

These videos launch in June and will be accessible through the digital Teacher's Guide.

Frequently asked questions

Do I need to buy the new @Home Units?

You do not! We are providing the new materials free of charge as PDF and PPT documents to Amplify Science users.

Are you going to have videos of all the hands-on activities?

Yes!

Are resources available in Spanish?

Yes! The student-facing resources associated with the @Home Units, as well as the @Home Videos, will be offered in Spanish.

How will students who use the @Home Packets submit their work?

The answer to this question will depend on district resources and systems, but options could include:

- Photographing their writing and submitting via Google Classroom or other platform.
- Submitting an audio or video recording of an oral response, using a platform like Flipgrid.
- Discussing the prompt with a parent or family member (no written submission from the student).

What is the approach to student discourse and how does it change in a remote setting?

The @Home Units will include suggestions for how to adapt student discourse activities for the range of remote learning contexts.

For more information on Amplify Science,
visit amplify.com/science.

Amplify.



THE LAWRENCE
HALL OF SCIENCE
UNIVERSITY OF CALIFORNIA, BERKELEY