

# Amplify Science

## New York City

### Unit 3 Internalization and Guided Planning 6-8



# Guided Unit Internalization Planner

## Unit-level internalization

Unit title:

What is the phenomenon students are investigating in your unit?

Unit Question:

Student role:

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

What science ideas do students need to figure out in order to explain the phenomenon?

# AmplifyScience@Lesson Adaptation Tool (Remote/Hybrid)

| Lesson:  | Date:  |
|--|--|
| <b>Lesson purpose:</b><br>[Lesson Brief: Overview]                           | <b>3-D connections and formative assessment opportunities:</b>                         |
| <b>What the students will learn in this lesson and potential challenges.</b> | <b>How will the students be practicing the multiple modalities during this lesson?</b> |

# Amplify Science sample lesson planning template cont.

## Part 2: Getting ready to teach

Look at the Classroom Slides, digital tools, and books, as well as the Step-by-Step, Teacher Supports, and Possible Responses tabs in the Instructional Guide.

| <b>Teaching notes</b> |   | <b>Remote/Hybrid Adaptation notes</b>  |
|-----------------------|---|--|
| Consider:             | <ul style="list-style-type: none"><li>• What will the students experience in each activity?</li><li>• How does each activity support students in achieving the purpose of the lesson?</li><li>• What do you feel comfortable with?</li><li>• What challenges might you encounter in teaching this lesson, and how might you address these challenges?</li></ul> | Consider: <ul style="list-style-type: none"><li>• Materials will you need to prepare</li><li>• Differentiate</li><li>• Time for lesson</li><li>• Your classroom instructional model</li><li>• Student's access to technology</li><li>• 3rd party applications</li><li>• Add a hands on component? (model via video Or complete during in person synchronous instruction)</li></ul> |
| Activity 1            |   |  |
| Time:                 |   |  |
| Activity 2            |   |  |
| Time:                 |   |  |
| Activity 3            |   |  |
| Time:                 |   |  |
| Activity 4            |   |  |
| Time:                 |   |  |
| Activity 5            |   |  |
| Time:                 |   |  |

## Suggestions for synchronous time

The following are some ideas for making the most of synchronous time with your students. As a general rule, the best way to use your synchronous time is to provide students opportunities to talk to one another, or to observe or visualize things they could not do independently.

| <b>Online synchronous time</b>  | <b>Notes</b> |
|---|--------------|
| <p><b>Online discussions:</b> It's worthwhile to establish norms and routines for online discussions in science to ensure equity of voice, turn-taking, etc.</p> <p><b>Digital tool demonstrations:</b> You can share your screen and demonstrate, or invite your students to share their screen and think-aloud as they use a Simulation or other digital tool.</p> <p><b>Interactive read-alouds:</b> Screen share a digital book or article, and pause to ask questions and invite discussion as you would in the classroom.</p> <p><b>Shared Writing:</b> This is a great opportunity for a collaborative document that all your students can contribute to.</p> <p><b>Co-constructed class charts:</b> You can create digital charts, or create physical charts in your home with student input.</p> |              |

## Amplify Science: New York City Resources

**Amplify's New York City Resources Site:** This live website was created for New York City educators, administrators and staff. Resources have been organized by grade bands: K-5 and 6-8. A menu of resources found on the New York City Site are below. Remember to check back for frequent updates!

**Main Site:** <https://amplify.com/amplify-science-nyc-doe-resources>

**K-5 direct link:** <https://amplify.com/resources-page-for-nyc-K-5/>

**6-8 direct link:** <https://amplify.com/resources-page-for-nyc-6-8/>

| Resource                                  | Description   | Link / Information   |
|---|---|--|
| Amplify Science Pedagogical Support team  | Support provided by Amplify Science pedagogical support team available Monday-Friday from 7AM-7PM EST.  | <p><b>Email:</b> <a href="mailto:help@amplify.com">help@amplify.com</a></p> <p><b>Phone:</b> 800-823-1969</p> <p><b>Chat icon:</b> lower right- hand corner of your screen when logged in to Amplify Science.</p>  |
| Login and Account Access 2020-2021 Update | For all inquiries around the status of your account please contact the Core Curriculum office at curriculum@schools.nyc.gov or via phone at (718) 935-3334. (Updated 9/21/20) | <a href="#">NYC Resource Site direct link for BTS 20-21 Login and Account Access Update</a>  |
| K-5 Login Instruction                     | Amplify Science one pagers for login steps to the platform located on the NYC Resource Site.  | <ul style="list-style-type: none"> <li>Classroom teachers: Login with <a href="#">Amplify</a> or <a href="#">TeachHub</a></li> <li>Cluster teachers: Login with <a href="#">Amplify</a></li> <li>K-5 administrators: Login with <a href="#">Amplify</a> or <a href="#">TeachHub</a></li> <li>K-5 students: Shared student logins <a href="#">login with Amplify</a></li> <li>Other staff (co-teachers, ICT, etc.): Administrator instructions</li> </ul> |

|   |  |  |
|---|--|--|
|   |  | for creating a <a href="#">Shared Teacher Login</a>  |
| 6-8 Login Instruction                       | Amplify Science one pagers for login steps to the platform located on the NYC Resource Site.   | <ul style="list-style-type: none"> <li>• 6-8 science teacher: Login with <a href="#">Amplify</a> or <a href="#">TeachHub</a></li> <li>• 6-8 administrator: Login with <a href="#">Amplify</a> or <a href="#">TeachHub</a></li> <li>• 6-8 students: Login with <a href="#">Amplify</a> or <a href="#">TeachHub</a></li> <li>• Other staff (co-teachers, ICT, etc.): Administrator instructions for creating a <a href="#">Shared Teacher Login</a></li> <li>• How to <a href="#">reset student(s) password</a></li> <li>• How to <a href="#">log my class out of a shared device</a></li> <li>• <a href="#">Clever class logout instructions</a></li> </ul> |
| Amplify Science: Program hub information    | The Program Hub features remote learning resources, training videos, and hands-on investigation videos.  | <a href="#">NYC Resource Site direct link for Amplify Science: Program hub help article</a>  |
| Amplify Science new @Home Units information | New @Home Units are available as both digital and print resources. These units are condensed versions of the core Amplify Science units, feature key activities optimized for remote learning, and take significantly less instructional time. (15-18 lessons per unit @ 30 minutes per lesson). | <a href="#">NYC Resource Site direct link for Amplify Science @Home Units help article</a>   |

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|---|---|---|
| <p>K-5 Amplify Science Webinar Registration and Recordings</p>                        | <p>Registration for live Amplify Science webinars covering new @Home features, navigating the digital Teacher's Guide, and so much more. Each session will be recorded and shared here.</p> | <p><a href="#">NYC Resource Site direct link for Amplify Science K-5 Webinars Registration and Recordings</a></p>                                     |
| <p>6-8 Amplify Science Professional training videos and Office hours Registration</p> | <p>Sessions and office hours held for teachers and administrators. Asynchronous webinars will be followed by live office hours on the respective dates (10/7 and 10/8).</p>                 | <p><a href="#">NYC Resource Site direct link for MS Professional training videos and Office hours</a></p>   |
| <p>Amplify Science K-5 Scope and Sequence for NYC DOE Amplify Schools</p>             | <p>Recommended Amplify Science K-5 Scope and Sequence for NYC DOE</p>   | <p><a href="#">NYC Resource Site direct link to K-5 Course Structure</a></p>  |
| <p>6-8 Middle School Unit Updated Sequence for the 2020-2021 School Year</p>          | <p>NYC Middle School Unit Updated Sequence for the 2020-2021 School Year</p>  | <p><a href="#">NYC Resource Site direct link for Middle School Updated Sequence for the 2020-2021 School Year</a></p>                                 |
| <p>Program Hub Initial K-8 Orientation Video Series</p>                               | <p>This part of the site contains a suite of training videos and other resources that will help teachers get to know the Amplify Science program through self study.</p>                    | <p><a href="#">Program Hub direct link to Orientation Video Series</a><br/><br/>*login using your Amplify Science credentials</p>                     |
| <p>Amplify Science @Home Resources at-a-glance deck PDF</p>                           | <p>PDF Resource for more support navigating the @Home resources.</p>  | <p><a href="#">Program Hub direct link for Amplify Science @Home Resources at-a-glance</a><br/><br/>*login using your Amplify Science credentials</p> |
| <p>Amplify Science @Home Slides + Student Sheets: K-5 teacher tutorial video</p>      | <p>Teacher and Administrator facing YouTube video tutorial on how to use</p>  | <p><a href="#">Program Hub direct link for Amplify Science @Home Slides + Student Sheets: K-5 Teacher Tutorial video</a></p>                          |



|   |   |  |
|---|---|--|
|   | @Home Slides + Student sheets for grades K-5  | *login using your Amplify Science credentials  |
| Amplify Science K-5 teacher tutorial video: How to Access Student Books Digitally | Teacher and Administrator facing YouTube video tutorial on how to access K-5 books digitally.   | <a href="#">Program Hub direct link to Amplify Science K-5 : How to Access Student Books Digitally teacher tutorial video</a><br><br>*login using your Amplify Science credentials |
| Amplify Science K-5 teacher tutorial video: How to Access Student Applications    | Teacher and Administrator facing YouTube video tutorial on how teachers and students can access K-5 students applications.                                | <a href="#">Program Hub direct link to Amplify Science K-5: Student Apps Access teacher tutorial video</a><br><br>*login using your Amplify Science credentials                    |
| Amplify Science @Home Units student tutorial videos                               | Student facing YouTube video tutorial on how to use @Home Unit resources. Teachers can share this with their remote classrooms to help support students.  | <a href="#">Direct link from Program Hub to @Home Units student tutorial video</a><br><br>*login using your Amplify Science credentials  |
| Amplify Science @Home Videos student tutorial videos                              | Student facing YouTube video tutorial on how to use @Home Video resources. Teachers can share this with their remote classrooms to help support students. | <a href="#">Direct link from Program Hub to @Home Videos student tutorial video</a><br><br>*login using your Amplify Science credentials   |
| Caregiver Site  | Amplify Science elementary school families resource and information site.   | <a href="#">NYC Resource Site direct link for Caregiver Site</a>   |
| Caregiver @Home Resources YouTube tutorial videos                                 | Youtube videos for families to learn more about the Amplify Science@Home Resources.   | <ul style="list-style-type: none"> <li>• <a href="#">Caregiver direct link to Amplify Science @Home Videos: K-5 Caregiver Tutorial</a></li> </ul>                                  |

|                                 |   |   |
|---------------------------------|---|---|
|                                 |   | <ul style="list-style-type: none"> <li>• <a href="#">Caregiver direct link to Amplify Science @Home Slides: K-5 Caregiver Tutorial</a></li> <li>• <a href="#">Caregiver direct link to Amplify Science @Home Packets: K-5 Caregiver Tutorial</a></li> </ul> |
| K-5 2019 FAQ                    | FAQ including responses to the most frequently asked K-5 questions for 2019.                  | <a href="#">NYC Resource Site direct link for K-5 FAQ</a>   |
| 6-8 2019 FAQ                    | FAQ including responses to the most frequently asked 6-8 questions for 2019.                  | <a href="#">NYC Resource Site direct link for 6-8 FAQ</a>   |
| Amplify Science program updates | Site describing updates for Amplify Science   | <a href="#">NYC Resource Site direct link for Amplify Science updates</a>   |
| Admin Dashboard Overview        | Overview guide for principals and APs on how to access 6-8 admin reports and what's included. | <a href="#">NYC Resource Site direct link to Admin Dashboard Overview</a>   |

# NYC Program Guide

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

<https://my.amplify.com/programguide/content/national/welcome/nyc/>

# Amplify Help

Advice and answers from the Amplify team.

[my.amplify.com/help](https://my.amplify.com/help)



# Customer Care

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



[scihelp@amplify.com](mailto:scihelp@amplify.com)



800-823-1969



Amplify Chat

