

PILOT CHECKLIST FOR LEADERS

WELCOME

Watch classrooms transform into hands-on, student-driven environments where students explore real-world phenomena. *PhD Science*® inspires students to wonder about the world and empowers them to make sense of it. Students actively engage in science to build knowledge, rather than memorizing and quickly forgetting. Through this knowledge-building approach, *PhD Science* students develop problem-solving and critical-thinking skills that extend well beyond the science classroom.

GET STARTED

We look forward to partnering with you to maximize success as you pilot *PhD Science*. Visit the [Pilot Support Page](#) for videos and resources as you complete each step below.



**STEP 1:
COMMUNICATE
PLANS AND
TIMELINE**



**STEP 2:
ORDER AND
DISTRIBUTE
MATERIALS**



**STEP 3:
SUPPORT
PARTICIPATING
TEACHERS**



**STEP 4:
GATHER FEEDBACK
AND DETERMINE
NEXT STEPS**



STEP 1

Communicate Plans and Timeline

- Communicate plans to foster engagement and a shared sense of purpose.
 - Collaboratively develop and share the goals of the pilot.
 - Identify participants and set expectations for preparing and teaching.
 - Determine and share a plan for evaluating the effectiveness of the pilot, including observation schedules and student work analysis.
- Create a pilot calendar considering the following:
 - Each lesson part requires one day of science instruction.
 - Lesson parts in Levels K-2 range from 20-45 minutes.
 - Lesson parts in Levels 3-5 range from 30-60 minutes.
 - the number of lessons and lesson parts included in your pilot
 - dates and times for any professional learning that is provided
 - scheduled classroom observations
 - holidays, abbreviated or alternate bell schedules, field trips, or other events



STEP 2

Order and Distribute Materials

Each pilot classroom needs print and digital materials and resources.

Contact your Great Minds representative to order and access materials and resources.

Print Materials:

- *Teach* book
(1 per teacher)
- Science Logbook
(1 per student)

Digital Materials:

- Customizable lesson slides
- Implementation guide
- Investigation videos
- Assessments and scoring guides

Materials Kits:

- Preview the materials lists on the Pilot Support Page to identify which materials come in your kit.
- Determine how you will purchase and distribute school-supplied items.

Share the **Pilot Checklist for Teachers** with each participating teacher.



STEP 3

Support Participating Teachers

Professional Learning ensures that participating teachers can succeed.

- Schedule professional learning with Great Minds, participating with teachers as possible.
- Schedule time for preparation, collaboration, and debriefing with teachers.



STEP 4

Gather Feedback and Determine Next Steps

Schedule and conduct classroom observations.

Elicit feedback from teachers.

Gather and analyze artifacts such as Science Logbook pages, scoring guides, and rubrics.

Determine next steps in a curriculum adoption.



LEARN MORE

Our approach to science instruction and teaching

Explore the Getting Started with *PhD Science* webpage to access videos, webinars, blogs, and more by visiting greatminds.org/science/phdscience/getting-started.

How *PhD Science* supports leaders and teachers

Explore the *PhD Science* Professional Learning webpage by visiting greatminds.org/science/phdscience/professional-learning.

Have questions or need additional pilot support?

Contact your Great Minds representative by visiting greatminds.org/contact-us/sales.

CLOSING

We deeply appreciate your dedication and hard work as you embark on this exciting journey, piloting *PhD Science*. We understand that navigating a hands-on, student-driven curriculum can be challenging and sometimes a bit messy, but your commitment to fostering curiosity and engagement is what will inspire and empower your students. We're thrilled to have passionate educators like you bringing this curriculum to life, and we can't wait to hear about the impact it has on your students.