

Hi there,

You can use this slide deck
to host a 30-minute training
session for teachers.

Just complete **2 quick steps**
before the session.



Before the training



1. Get your school's **join link** to share with teachers.

What is a join link? This custom link allows teachers to instantly join your school's Mystery Science account.

Don't have the link? No problem! Ask your administrator for your school or district's join link, or simply head over to mysteryscience.com to make an account.

Before the training

1. Get your school's join link to share with teachers.



2. **Email your colleagues** to invite them to the training session.

*See the next slide for an email template
you can copy, paste & adapt!*



Email template

Hi fellow teachers,

I'll be sharing why I use Mystery Science at our upcoming meeting on **[INSERT DATE/TIME/LOCATION]**. I'd love to help you get started with this easy, engaging resource!

Before the training, please join our school's Mystery Science account by clicking on this link: **[INSERT THE JOIN LINK]**.

Please bring your laptop to the meeting so we can get you set up and ready to teach!

You're all set!

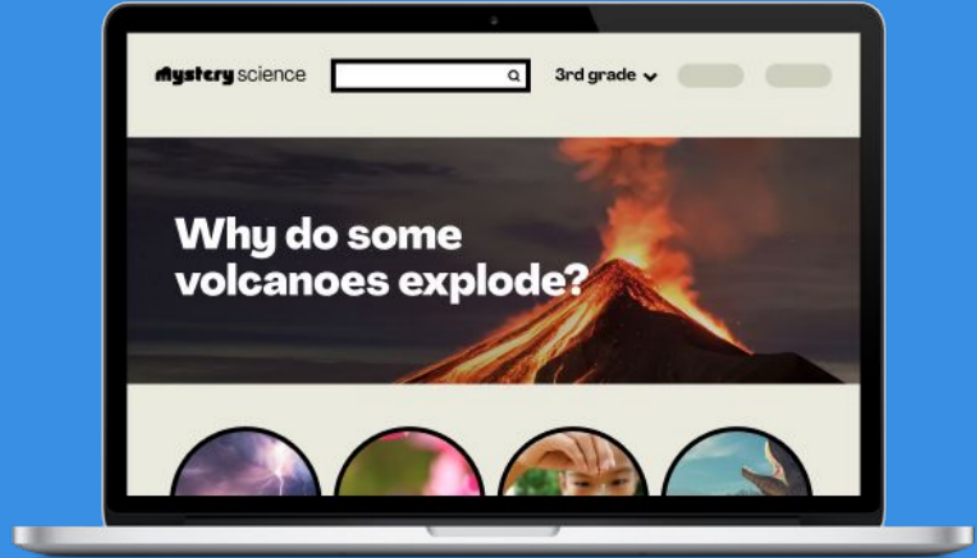
The next slide is the start of
the training presentation.

Share your screen and
have fun!



An introduction to

Mystery Science



Agenda

1. What is Mystery Science?
2. How can I get started?
3. What are some quick tips?
4. Ready to explore on your own?

What is Mystery Science?



Open-and-go lessons that inspire kids to love science

mystery science

3rd Grade ▾ Curiosity Jar Help Account ▾

Hi! Let's pick a lesson!

Science Units Mini-lessons

K-5 Mini-Lesson

Do sharks really want to eat people?

View lesson

3rd Grade Science Units [See all >](#)

Animals Through Time
7 lessons

Circle of Life
3 lessons

Power of Flowers
4 lessons

Stormy Skies
5 lessons

Support

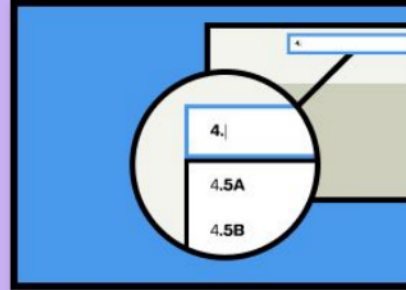
Hands-on science made easy



**Engaging, interactive
lessons kids love**



**Easy-prep
hands-on activities**



**Standards-aligned
science units**

- [3rd Grade ▾](#)
[Curiosity Jar](#)
[Help](#)
[Account ▾](#)

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Science Units

Fossils, Animal Survival, & Heredity

Life Cycles

Plant Life Cycle & Heredity

Weather & Climate

Forces, Motion, & Magnets

NGSS

Circle of Life

Standards & Prep ▾

Lesson 1

Animal Life Cycles
 3rd • How is your life like an alligator's life?

★ NEW! Lesson + Activity
🔗 Standards Aligned

Lesson 2

Environmental Change & Engineering
 3rd • What's the best way to get rid of mosquitoes?

🔗 Lesson + Activity 🔗 Standards Aligned

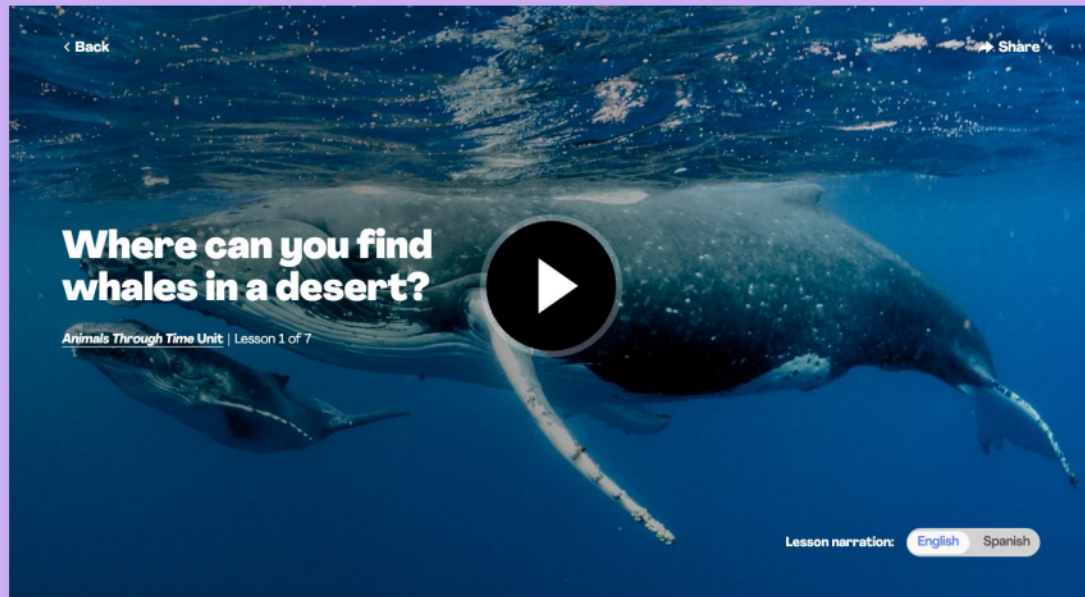
Lesson 3

Plant Life Cycles
 3rd • Why are there so many different kinds of flowers?

★ NEW! Lesson + Activity
🔗 Standards Aligned

Lessons

- Take 45-60 min to teach
- Video exploration & discussion
- Hands-on activities with step-by-step video instructions
- Simple supplies for easy prep



Activity Prep

[Print Prep](#)

In this lesson, students explore the idea that the rock under our feet sometimes contains fossils, and investigate how these fossils reveal changes in habitat through time. In the activity, Fossil Dig, students use paper to create a model fossil dig. They identify traits of fossils to determine what the habitat looked like when these organisms were alive. Then they use this information to figure out where some Mystery Fossils belong in their fossil dig.

[Preview activity](#)

- Exploration**
10 mins
- Hands-On Activity**
30 mins
- Wrap-Up**
10 mins

Mini-lessons

- 5-10 minutes long
- Discussion questions
- New mini-lesson each week
- Over 150 lessons in the archive

mystery science
1st Grade ▾
Curiosity Jar
Help
Account ▾

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Mini-lessons

MYSTERY
doug

What does a scientist do?

- Leela, United States

7:19

Share Student Link
Google Classroom
Extensions
Credits

Looking for a hands-on activity?

View Hands-on Activity

Previous Episodes





**How do I get
started?**



A quick tour...

Mystery Science x +

mysteryscience.com/home

You're trying out the newest version of the website! [Go back](#)

mystery science 4th Grade ▾ Curiosity Jar Help Center Arielle ▾

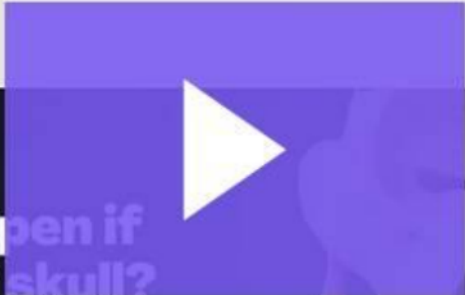
Hi Arielle, let's pick a lesson!

Science Units Mini-lessons

What would happen if you didn't have a skull?

[View lesson](#)

4th Grade Science Units [See all >](#)



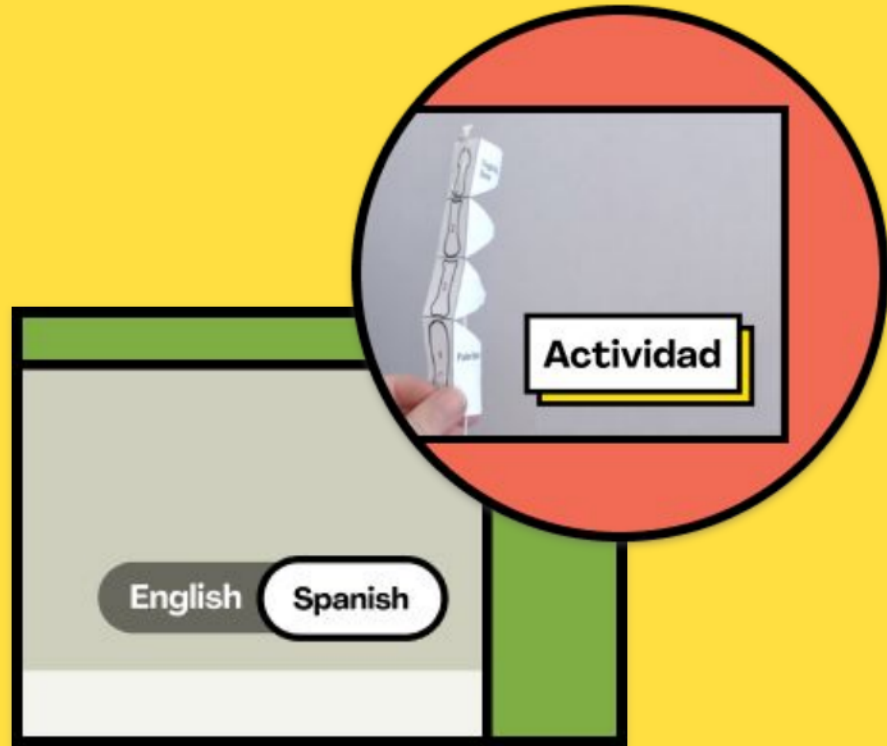
Trouble viewing this video? [Watch it here](#)

**Don't miss these Mystery
Science features...**



Spanish Resources

- Spanish narration for every lesson
- Spanish versions of printable and digital worksheets & assessments
- Spanish transcripts of each lesson



Vocabulary Resources

- Visual slideshows with images and videos pulled directly from the lesson
- Teacher printouts with terms and definitions
- Available in English and Spanish!

predator
an animal that hunts and eats other animals

prey
an animal that is hunted by and eaten by another animal

carnivore
an animal that eats only other animals

herbivore
an animal that only eats plants

predator
an animal that hunts and eats other animals



- Science Units

Fossils, Animal Survival, & Heredity

Life Cycles

Plant Life Cycle & Heredity

Weather & Climate

Forces, Motion, & Magnets

NGSS

Power of Flowers

Standards & Prep ▾

Anchor layers: On Off

Anchor Phenomenon



Plant Life Cycle, Plant and Animal Interactions

3rd • Sticky Seeds

Lesson • Activity Standards Aligned

Lesson 1



Pollination & Plant Reproduction

3rd • Why do plants grow flowers?

Lesson • Activity Standards Aligned

Lesson 2



Seed Dispersal & Plant Life Cycle

3rd • Why do plants give us fruit?

Lesson • Activity Standards Aligned

Lesson 3



Trait Variation, Inheritance, & Artificial Selection

3rd • Why are some apples red and some green?

Lesson • Activity Standards Aligned

Lesson 4



Trait Variation, Inheritance, & Artificial Selection

3rd • How could you make the biggest fruit in the world?

Lesson • Activity Standards Aligned

Performance Task



Plant and Animal Interactions, Life Cycles

3rd • Are the sticky seeds and dung beetles good for each other?

Lesson • Activity Standards Aligned



- | 5th Grade Pacing | | | | Expectations: | | | | NOSS Performance Expectations: | | | | NOSS Performance Expectations: | | | |
|---|-------------------------------------|---------|--------|--|--|--|--|---|--|--|--|--|--|--|--|
| Ecosystems & The Food Web - 20 | | | | Unit Breakdown: | | | | Unit Breakdown: | | | | Unit Breakdown: | | | |
| Lesson # | Focus | Session | 5 | Unit Breakdown: | | | | Unit Breakdown: | | | | Unit Breakdown: | | | |
| Anchor Phenomena: Life Inside a Dome | Ecosystems (Design & Modeling) | 1 | 5 | <ul style="list-style-type: none"> 4 Lessons & Activities 4 Lesson Assessments 4 Extension Blocks 1 Unit Assessment | | | | <ul style="list-style-type: none"> 4-ESS1-1 4-ESS2-1 4-ESS2-2 4-ESS3-1 4-ESS3-2 4-ESS3-3 | | | | <ul style="list-style-type: none"> 4-PS4-1 4-PS4-3 3-5-ETS1-3 3-5-ETS1-3 | | | |
| | | | | <ul style="list-style-type: none"> Anchor Layer Adds 1 Anchor Phenomena 4 Anchor Connections 1 Performance Task | | | | <ul style="list-style-type: none"> 4 Lessons & Activities 3 Lesson Assessments 3 Extension Blocks 1 Unit Assessment | | | | <ul style="list-style-type: none"> 4-PS3-1 4-PS3-2 4-PS3-3 4-PS3-4 4-ESS1-1 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3 | | | |
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| Lesson 1 | Food Chains, Producers, & Consumers | 2 | Engage | In this session, students develop their thinking about the predatory prey relationships between living things. | | | | 5-ESS1-1 (Develop a model to describe the movement of matter among plants, animals, decomposition, and the environment.) | | | | Developing and Using Models | | | |
| Why would a hawk move to New York City? | Life Inside a Dome | 3 | Engage | In the hands-on activity, Eat or be Eaten, students play a card game in which they make food chains with predators and prey, and producers and consumers. The students who make the longest food chains win the game! | | | | 122B: Cycles of Matter and Energy Transfer in Ecosystems | | | | Systems and System Models | | | |
| | | | | Exploration | | | | 122B: Cycles of Matter and Energy Transfer in Ecosystems | | | | Systems and System Models | | | |
| | | | | 4 Anchor Connection | | | | 122B: Cycles of Matter and Energy Transfer in Ecosystems | | | | Systems and System Models | | | |
| | | | | 5 Evaluate | | | | 122B: Cycles of Matter and Energy Transfer in Ecosystems | | | | Systems and System Models | | | |
| | | | | 6 Elaborate | | | | 122B: Cycles of Matter and Energy Transfer in Ecosystems | | | | Systems and System Models | | | |
| Lesson 2 | Matter & Plant Growth | 7 | Engage | In this session, students discover the surprising nutrient which accounts for most of a plant's food. | | | | 5-ESS1-1 (Support an argument that plants get their food from the soil and water.) | | | | 122B: Cycles of Matter and Energy Transfer in Ecosystems | | | |
| What do plants eat? | Life Inside a Dome | 8 | Engage | In the hands-on activity, Weighing Act, students blow up balloons and place them on both sides of a large balance scale constructed from a yardstick. Then, students let the air out of all the balloons on one side of the balance to directly observe that air has weight. | | | | 5-ESS1-1 (Support an argument that plants get their food from the soil and water.) | | | | 122B: Cycles of Matter and Energy Transfer in Ecosystems | | | |
| | | | | | | | | | | | | | | | |



Mystery Packs

- Supply kits for Mystery Science hands-on activities
- Neatly organized by unit & lesson – save time on prep!
- Learn more about packs here: <https://mysteryscience.com/packs>



**Ready to
explore on your
own?**



Let's wrap up with a scavenger hunt!



See if you can...

- ☐ Change your **grade level** on the homepage (hint: top of the page)
- ☐ Find a **Mini-lesson**
- ☐ Find the **Student Link** for sharing a mini-lesson with students
- ☐ Find a **Science Unit**
- ☐ Find the **Standards** covered in that unit (hint: scroll down!)
- ☐ Turn the **Anchor Layer** on and off for that unit
- ☐ Find a **Science Lesson** within the unit
- ☐ Change the **narration to Spanish** on the lesson video
- ☐ Find the **Supply list** and **Prep Instructions** for that lesson
- ☐ Change **the number of students** in the supply list
- ☐ Find the **Assessment** for the lesson
- ☐ Find the **English and Spanish versions** of a worksheet or printout

**Great work and thanks
for joining!**



mystery science