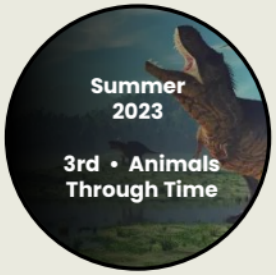
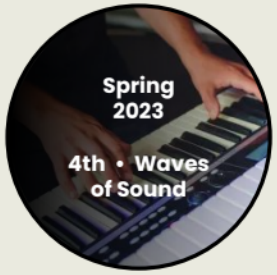
New Content Guide 2022-2023 School Year • Highlights

Updated 01/17/2023

mystery science

Units with Updates!





New Lessons

2nd Plant Adventures

Focus: Animal seed dispersal. *Title TBD.*

2nd Plant Adventures

Focus: Plant habitats. *Title TBD.*

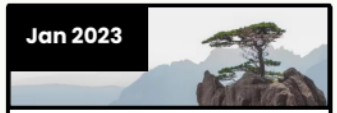
4th Waves of Sound

Focus: Transferring information with patterns. *Title TBD.*

5th Web of Life

Focus: Protecting the environment. *Title TBD.*

Lesson Revisions



2nd Plant Adventures

How did a tree travel halfway around the world?

3rd Animals Through Time

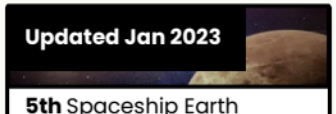
How do we know what dinosaurs looked like?

3rd Invisible Forces

How can you go faster down a slide?

4th Energizing Everything

Why is the first hill of a roller coaster always the highest?



5th Spaceship Earth

How can the Sun help us explore other planets?

Formerly: *What are the wandering stars?*

Sunsetting Lessons

2nd Plant Adventures

Why do trees grow so tall?

2nd Plant Adventures

Should you water a cactus?

2nd Plant Adventures

Where do plants grow best?

3rd Power of Flowers

Why are some apples red and some green?

New Content Guide 2022-2023 School Year • Details

Updated 01/17/2023

Mystery Science is committed to growing and responding to teacher & student needs. Every year, we receive hundreds of teacher reviews, emails, & heartfelt messages about what is going well & what teachers need. This year, we will be sunsetting lessons that no longer meet our stringent content standards, adding just as many new great lessons, revising a few older lessons, & restructuring some units to improve standards-based coherence. We know changes can be a challenge for those that planned ahead, so we made it possible to navigate directly to older versions of lessons. If you are ever unable to find a lesson, please do not hesitate to reach out. You can go to MysteryScience.com/Standards to see how all our lessons align to your state's standards. **Thank you for being a part of the Mystery Science community & keeping kids curious!**

Jan 2023

- **Grade 2 Plant Adventures Unit**
  - *Revision* • Lesson 1: How did a tree travel halfway around the world? • Focus: Wind seed dispersal.
- **Grade 5 Spaceship Earth Unit**
  - *Revision & title change* • Lesson 6: How can the Sun help us explore other planets? • Focus: Solar system & Sun brightness.
    - Formerly: What are the wandering stars?

Feb 2023

- **Grade 5 Web of Life Unit**
  - *NEW!* • Lesson 6: Title TBD. • Focus: Protecting the environment.

Spring 2023

- **Grade 3 Animals Through Time Unit**
  - *Revision & title change* • Lesson 2: How do we know what dinosaurs looked like? • Focus: Fossils.
- **Grade 3 Invisible Forces Unit**
  - *Revision & title change* • Lesson 3: How can you go faster down a slide? • Focus: Patterns of objects in motion.
- **Grade 4 Energizing Everything Unit**
  - *Revision & title change* • Lesson 3: Why is the first hill of a roller coaster always the highest? • Focus: Collisions.
- **Grade 4 Waves of Sound Unit**
  - *NEW!* • Lesson 1: Title TBD. • Focus: Transferring information with patterns.

Summer 2023

- **Grade 2 Plant Adventures Unit**
  - *NEW!* • Lesson 2: Title TBD. • Focus: Animal Seed Dispersal.
  - *NEW!* • Lesson 4: Title TBD. • Focus: Plant Habitats.
  - *Sunsetting* • Why do trees grow so tall?
  - *Sunsetting* • Should you water a cactus?
  - *Sunsetting* • Where do plants grow best?
- **Grade 3 Animals Through Time Unit**
  - *Update* • *Animals Through Time* will contain all lessons focused on Fossils & Changing Environments
    - This unit will restructure to only include current lessons 1, 2, & 3.
    - Current lessons 4, 5, 6, & 7 will move to be a part of our new *Fates of Traits* unit.
- **Grade 3 Power of Flowers Unit**
  - *Update* • We will be sunsetting the *Power of Flowers* unit and moving most lessons to be a part of *Circle of Life* and *Fates of Traits* units.
  - *Sunsetting* • Why are some apples red and some green?
- **Grade 3 Circle of Life Unit**
  - *Update* • *Circle of Life* will contain all lessons focused on Plant & Animal Life Cycles
    - Move from *Power of Flowers* • Lesson 3: Why do plants grow flowers?
    - Move from *Power of Flowers* • Lesson 4: Why do plants give us fruit?
- **NEW Grade 3 Fates of Traits Unit**
  - *Update* • *Fates of Traits* will contain all lessons focused on Heredity, Survival, & Selection
    - Move from *Power of Flowers* • Lesson 1: How could you make the biggest fruit in the world?
    - Move from *Animals Through Time* • Lesson 2: What kinds of animals might there be in the future?
    - Move from *Animals Through Time* • Lesson 3: Can selection happen without people?
    - Move from *Animals Through Time* • Lesson 4: Why do dogs wag their tails?
    - Move from *Animals Through Time* • Lesson 5: How long can people (and animals) survive in outer space?