

# New Content Guide 2022–2023 School Year • Highlights

Updated 01/17/2023

Units with Updates:



New Lessons

**Summer 2023**

**2nd Plant Adventures**  
Focus: Animal seed dispersal. *Title TBD.*

**Summer 2023**

**2nd Plant Adventures**  
Focus: Plant habitats. *Title TBD.*

**Summer 2023**

**4th Waves of Sound**  
Focus: Transferring information with patterns. *Title TBD.*

**Summer 2023**

**5th Web of Life**  
Focus: Protecting the environment. *Title TBD.*

Lesson Revisions

**Jan 2023**

**2nd Plant Adventures**  
*How did a tree travel halfway around the world?*

**Spring 2023**

**3rd Animals Through Time**  
*How do we know what dinosaurs looked like?*

**Spring 2023**

**3rd Invisible Forces**  
*How can you go faster down a slide?*

**Spring 2023**

**4th Energizing Everything**  
*Why is the first hill of a roller coaster always the highest?*

**Updated Jan 2023**

**5th Spaceship Earth**  
*How can the Sun help us explore other planets?*  
Formerly: *What are the wandering stars?*

Sunsetting Lessons

**Summer 2023**

**2nd Plant Adventures**  
*Why do trees grow so tall?*

**Summer 2023**

**2nd Plant Adventures**  
*Should you water a cactus?*

**Summer 2023**

**2nd Plant Adventures**  
*Where do plants grow best?*

**Summer 2023**

**3rd Power of Flowers**  
*Why are some apples red and some green?*

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](https://www.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?