



Electricity can exist as static electricity or travel as a current through a conductor.

## Week 1

# Where does lightning come from?

This week, students learn that lightning is a dramatic example of static electricity caused by atoms to store in clouds gain big and losing electrons. Atoms that gain electrons gain a negative charge, which then discharged to a spark of electricity that we see as lightning. The shock you sometimes get when you touch metal is also an example of static electricity. The strength of the shock is actually quite strong, but since it is so brief, it is only annoying, not dangerous.

### Day One

Vocabulary: electricity

Distribute page 157 and introduce the vocabulary word. Have volunteers read the introduction aloud. Then have students complete activity A, invite volunteers to share their responses. Then have students complete activity B independently. For activity C, pair students or complete the activity as a group, if needed. Review the answers together.

### Day Two

Vocabulary: atom, electron, proton

Distribute page 160, introduce the vocabulary, and have volunteers read the introduction aloud. Use the diagram on the page to point out how protons and electrons are often represented by plus and minus signs. Then have students complete the activities independently. Review the answers together.

### Day Three

Vocabulary: charge, static electricity

Distribute page 161 and introduce the vocabulary. Then have volunteers read the introduction aloud. Confirm students' understanding of how something gains or loses a charge before having them complete the activities. Review the answers together.

### Day Four

Activate prior knowledge by asking students if they have ever gotten a shock when they touched something metal. Distribute page 162 and have volunteers read the introduction aloud. Then have students complete the activities. Invite volunteers to share their responses to activity B.

### Day Five

Tell students they will review everything they have learned about lightning and static electricity. Have them complete page 163. Go over the answers together.

# Daily Science Big Idea 3 Week 1

**Sonia Q. Cabell, Susan B.  
Neuman, Nicole Patton Terry**



### **Daily Science Big Idea 3 Week 1:**

Daily Language Practice for Fifth Grade Suzanne Barchers, 2014-12-01 This week of practice pages build fifth graders language skills Each question is tied to a specific grammar usage and mechanics concept Daily practice through these quick activities will help your students Great formative assessment tool      **Popular Science** , 1931-08 Popular Science gives our readers the information and tools to improve their technology and their world The core belief that Popular Science and our readers share The future is going to be better and science and technology are the driving forces that will help make it better

The Technology Teacher , 1973      Handbook on the Science of Early Literacy Sonia Q. Cabell, Susan B. Neuman, Nicole Patton Terry, 2024-04-25 Synthesizing the best current knowledge about early literacy this comprehensive handbook brings together leading researchers from multiple disciplines The volume identifies the instructional methods and areas of focus shown to be most effective for promoting young children's PreK 2 growth in reading writing oral language and the connections among them In 33 chapters the Handbook covers conceptual foundations development and instruction of both code and meaning related literacy skills professional development and family engagement supporting equity across populations and learning beyond traditional boundaries including digital and out of school contexts Highlighted throughout are issues around access to high quality instruction working with multilingual populations and data based decision making and interventions      Connections ... Daily Lessons in Critical Thinking Pat Cusick, 1997      **Films for Television** , 1960

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**Transgenerational Technology and Interactions for the 21st Century** Hannah R. Marston,Linda Shore,Laura Stoops,Robbie S. Turner,2022-10-25 This book is rooted in co design and co production taking an interdisciplinary lens and expertise from academia industry and stakeholder organisations to examine contemporary issues and to deliver a manifesto for technology innovation application and transgenerational living experiences for the 21st century

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**Congressional Record** United States. Congress,2010 The Congressional Record is the official record of the proceedings and debates of the United States Congress It is published daily when Congress is in session The Congressional Record began publication in 1873 Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States 1789 1824 the Register of Debates in Congress 1824 1837 and the Congressional Globe 1833 1873

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