

Science Classroom Resources

Explore Newsela Science content to bring meaningful learning to your classroom



Science curations that support literacy skills

[Claim-Evidence-Reasoning collection](#)

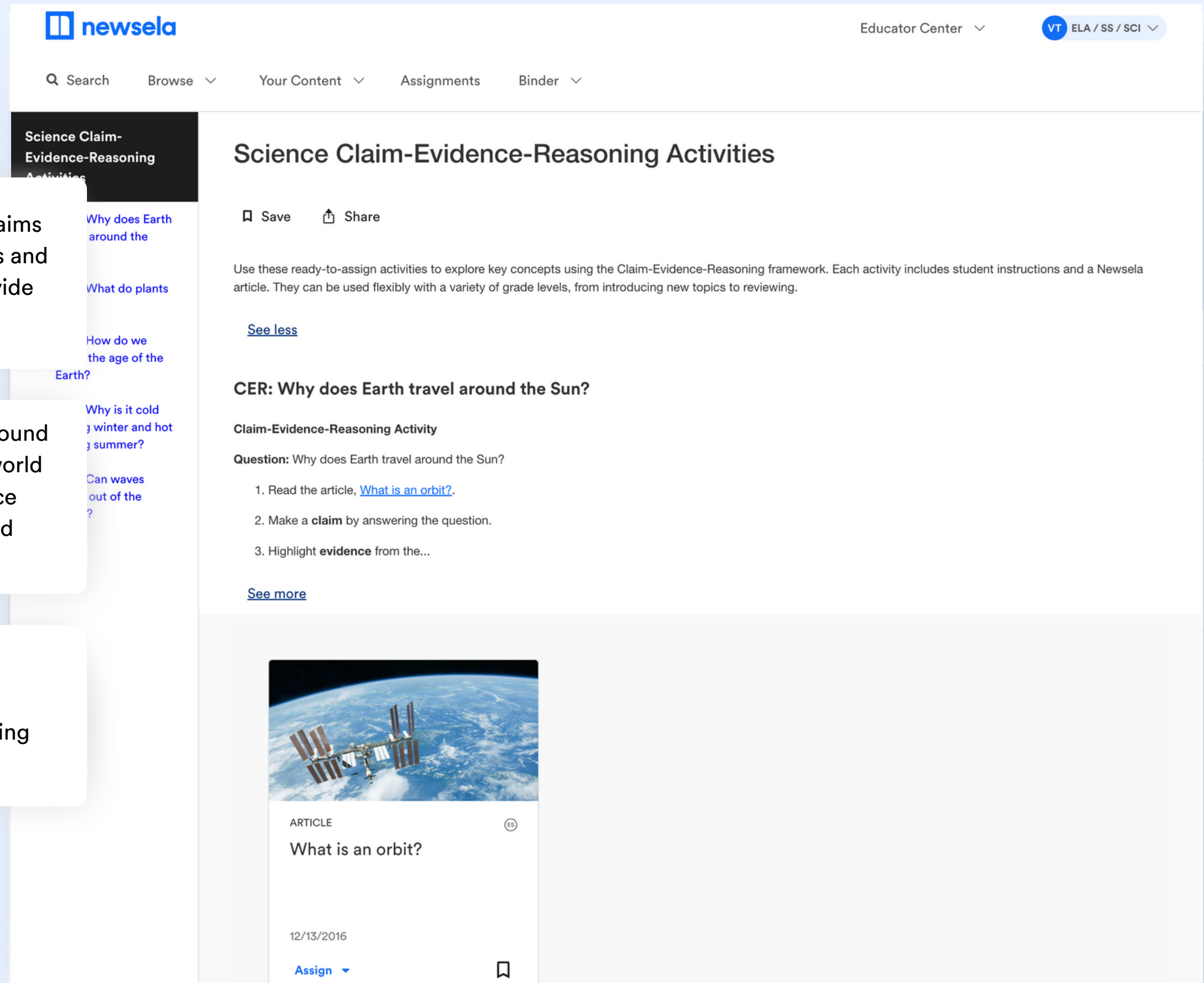
Focused practice in supporting claims with evidence on a range of topics and concepts with resources that provide background and teacher tips.

[Everyday Mysteries](#)

High-engagement lessons built around fun science questions about the world - includes activities to build science literacy skills, PDF worksheets, and extension content to explore.

[Science in the News](#)

Easy-to-assign lessons based on current news topics for building literacy skills while reading engaging science stories.



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Science Claim-Evidence-Reasoning Activities

Save Share

Use these ready-to-assign activities to explore key concepts using the Claim-Evidence-Reasoning framework. Each activity includes student instructions and a Newsela article. They can be used flexibly with a variety of grade levels, from introducing new topics to reviewing.

[See less](#)

CER: Why does Earth travel around the Sun?

Claim-Evidence-Reasoning Activity

Question: Why does Earth travel around the Sun?

1. Read the article, [What is an orbit?](#)
2. Make a **claim** by answering the question.
3. Highlight **evidence** from the...

[See more](#)

ARTICLE What is an orbit? 12/13/2016 Assign

Science curations that support background knowledge

[Review: Science Core Ideas](#)

Building blocks of science at progressive levels of depth and complexity with activities.

[Science Videos](#)

Exploration of core concepts and ideas across science disciplines.

[Virtual Field Trips](#)

Opportunities for students to explore a variety of locations from zoos to national parks to space.

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Review: Science Core Ideas

- Physical Science
- Earth and Space Sciences
- Life Science

Review: Science Core Ideas

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Instructional Note: The lessons in this collection review the key science topics that make up the Disciplinary Core Ideas (DCIs) of the NGSS. These ready-to-go lessons support educators and their students across three domains: Physical Science, Earth and Space Science, and Life Science. Each lesson has been designed to support remote learning. For a breakdown of the NGSS alignment, see [Science Core Ideas: DCI Alignment](#). To access Newsela's full NGSS courses:

- [NGSS Grade 3](#)
- [NGSS Grade 4](#)
- [NGSS Grade 5](#)
- [NGSS Middle School, Life Science](#)
- [NGSS Middle School, Physical Science](#)
- [NGSS Middle School, Earth and Space Science](#)
- [NGSS High School, Biology](#)
- [NGSS High School, Earth and Space Science](#)

Accessibility Note: A PDF version of each lesson—as well as the articles and worksheets within it—may be printed to support students offline.

[See less](#)

Physical Science

Instructional Note: In the Physical Science domain, students will explore physical science concepts such as forces and motion, patterns of motion, energy, collisions, waves, properties matter, and chemical reactions. This domain has 4 units. Within each unit are Core Ideas text sets with lessons aligned to the NGSS disciplinary core ideas (DCIs) for physical science.

[See more](#)

UNIT **Interacting Forces**

UNIT **Energy, Motion, and Collisions**

UNIT **Transfer of Energy and Information**

Try this collection to include diverse perspectives in your science classroom

[Science Changemakers](#)

A project-based collection to engage and support middle school students in taking community action to address a local, state and/or global issue.

The screenshot shows the Newsela interface for the 'Science Changemakers' collection. At the top, there is a navigation bar with 'newsela' logo, 'Educator Center', and a subject filter for 'VT ELA / SS / SCI'. Below the navigation, there are tabs for 'Search', 'Browse', 'Your Content', 'Assignments', and 'Binder'. The main content area is titled 'Science Changemakers' and includes a 'Save' and 'Share' button. The text describes the project's goal: to provide tools for researching and taking action on issues important to students, with a focus on social justice and advocacy. A quote from Dr. Martin Luther King, Jr. is included: "The time is always right to do what is right." Below the text, there are links for 'See less' and 'See more'. At the bottom, there is a featured article titled 'Sustainable development goals: all you need to know' with a date of 08/07/2019. On the right side, there is a 'Resources' sidebar with a 'Lesson Sparks' section, 'Teacher Resources' (with a link to 'Open full page view'), and an 'Overview' section. The 'Overview' section contains a detailed description of the collection's purpose and design, emphasizing student choice and self-direction. Below the overview, there are expandable sections for 'Pacing Guidelines', 'SEL Framework CASEL Alignment', and 'Differentiation and Extensions'.

Appendix

Contents

- [View our other Newsela Guides](#)
- [Links to How-To Videos](#)



Enhance your instruction with Newsela with these professional learning options

Get started with Newsela

Learn the basics for long-term Newsela success with this collection of curated resources.

[View Resource](#)

Practice literacy skills

Drive achievement and reading comprehension by exploring this set of goal-focused resources.

[View Resource](#)

Build background knowledge

Boost learners' confidence and understanding with this group of results-driven resources.

[View Resource](#)

Include diverse perspectives

Create a more lively and inclusive classroom using this selection of dedicated resources

[View Resource](#)

Looking for more help? Try watching one of these how-to videos



[What is Newsela?](#)



[The student experience on Newsela.com](#)



[How to find and save content on Newsela](#)



[How to track student progress in your Newsela Binder](#)



[How to assign Newsela articles to students](#)



[How to assign content to small groups of students](#)



[How to use article tools & activities](#)



[How to use Lesson Sparks](#)



[How to annotate text in articles for students](#)



[How to find and use text sets with your class](#)



[How to review student assignments on Newsela](#)



[How to use and edit write prompts in your assignments](#)