

MISSISSIPPI DEPARTMENT OF EDUCATION Science Resources

FULL STEAM AHEAD WITH DIGITAL CONTENT FROM GALE

The **Mississippi Department of Education** has partnered with Gale to provide Mississippi opt-in K-12 schools with on-demand **science resources**. Get ready to add more value to your classroom toolkit!



TEACHER PLANNING AT YOUR FINGERTIPS

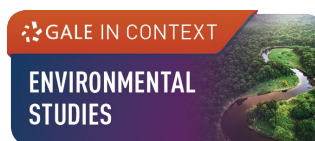
Powerful platform designed to help you find content, enhance lessons, and build curriculum-aligned units.

- **My Class Resources:** Folders to house all your saved content. These folders can be used for collaboration with colleagues and to share materials with students.
- **Curriculum Browse:** Discover content to support specific state or national standards.
- **Lesson Plans:** Fully developed lesson plans support key subjects and skills including critical thinking, inquiry-based, and project-based learning.
- **Instructor's Notes, Annotations, and Clippings:** Highlight exactly what you want students to see, provide instruction, and ask questions.



TODAY'S SCIENCE TOPICS

- Engaging resource that provides contextual **information based on hundreds of today's most significant science, technology, and engineering topics.**
- Great for **biology, chemistry, physics, health, and psychology** classrooms.
- Over 200 Gale proprietary **experiments – follow along with custom illustrations.**
- Over **300 interactive simulations** – set the variables and experiment on-line.



TOMORROW'S WORLD - TODAY

- Access diverse, **authoritative content from national and global publications** in addition to award-winning Gale reference content.
- Explore grade-level appropriate topics and events within **Earth systems, energy, global change, pollution, populations, and more.**
- Discuss **environmental and sustainability issues** across science, social studies, and the humanities.

These powerful visual tools can be used for in-class demonstrations and help with homework or research assignments.



- More than **200 interactive science lessons** correlated to NGSS and common core state standards for curriculum topics in **biology, chemistry, and earth sciences**.
- Enhance instruction with guided activities and **3D models** paired with Gale content.
- Explore **complex concepts**, like the solar system, the water cycle, chemical reactions, animal and plant cells, and dissection.

- Innovative learning aide including **more than 115 interactive lessons** that help students to grasp the most basic and difficult **concepts in chemistry: atomic structure, the mole, the measurement of energy, and advanced reactions**.
- Allows users to dive deep into **concepts with tools** to interact with all **states of matter and their chemical reactions**.

- Combines **3D imagery** with reliable, authoritative **textbook & periodical reference content** allowing students to engage with over **125 interactive sessions**, providing learning outside of limited lab time.
- Test understanding with **quizzes** at the end of each session.
- Manipulate a model at any point during a session, changing the view to highlight a connection or concept.

ON-DEMAND SUPPORT

Visit <https://support.gale.com/msdeptofedu> for training tools, marketing materials, and technical support.

Access premade lesson plans, classroom activities, escape rooms, scavenger hunts, trading cards, recorded webinars, professional development materials, and more!

REACH OUT FOR QUESTIONS, IMPLEMENTATION INFORMATION, USAGE DATA, AND MORE!

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Do you or your science educators need **Continuing Education Credits?**

Reach out to Christine to learn more!

TRANSLATE



Machine translate articles– **40+** languages

FONT SIZE

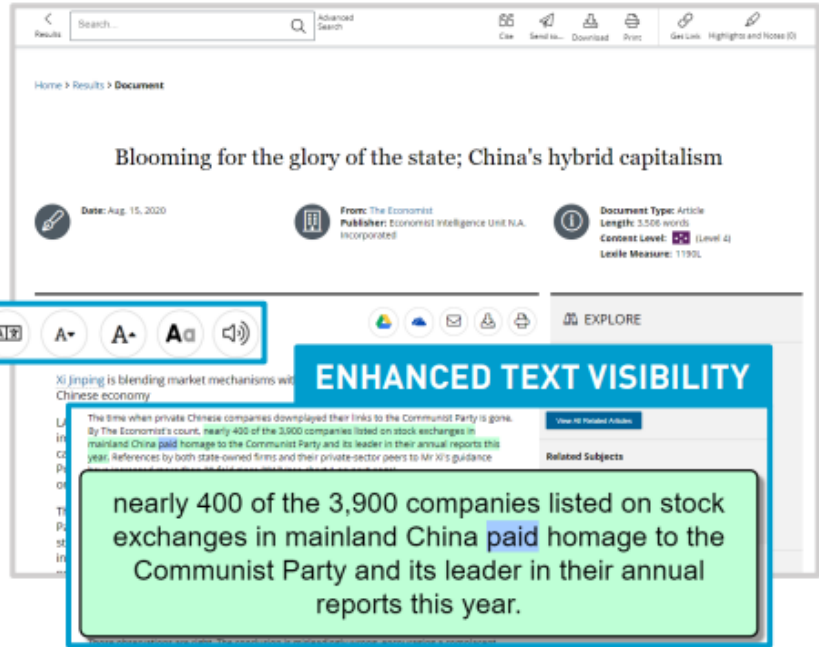
Increase or **reduce** as needed

TEXT MANIPULATION

Edit the **font style**, **color**, and **spacing**

LISTEN

Hear text **read aloud**, and **download** as an MP3



ENHANCED TEXT VISIBILITY

nearly 400 of the 3,900 companies listed on stock exchanges in mainland China paid homage to the Communist Party and its leader in their annual reports this year.



SEND TO...

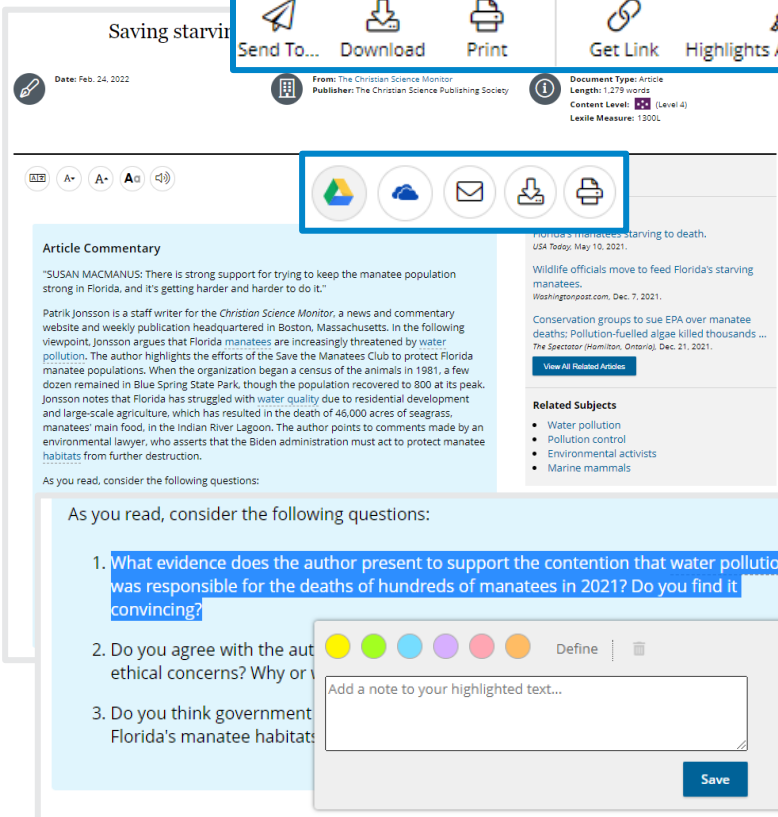
Export an item to your **Google Drive** or **OneDrive** account.

GET LINK

Generate a **persistent URL** that can be shared with students and colleagues.

HIGHLIGHTS AND NOTES

Click and **drag** your mouse to select document text and add highlights and notes. Use **Send to...**, **Download**, or **Print** to retain a copy of the document before closing out of the resource.



As you read, consider the following questions:

1. What evidence does the author present to support the contention that water pollution was responsible for the deaths of hundreds of manatees in 2021? Do you find it convincing?
2. Do you agree with the author's ethical concerns? Why or why not?
3. Do you think government action is necessary to protect Florida's manatee habitats?

Define

Add a note to your highlighted text...

Save