

# Gale In Context: Global Issues

## Innovation and Global Impact

### TEACHER DIRECTIONS

Consider how you want students to complete the activities. Ideas to consider include having them research each issue, divide issues among the class, or have them work in groups or with a partner.

Students will complete the activity using *Gale In Context: Global Issues*. They will complete three steps: read and analyze the content, answer the corresponding questions, and use the information to answer the activity question using claim-evidence-reasoning writing.

**EXTENSION IDEAS:** Allow students to further research the issue and find different sources to cite in their answers and response. Another option is to have students address a counterclaim and a provide a rebuttal regarding the issue or issues they are analyzing.

**ACTIVITY DOCUMENTS:** Be sure to sign into *Gale In Context: Global Issues* BEFORE clicking any link.

<p><b>To what extent can alternative and renewable energy stop climate change’s effect on our environment?</b></p>	<p><a href="#">Climate Change</a>  <a href="#">Alternative Energy</a>  <a href="#">Europe’s New Powerhouse; The North Sea Economy</a>  <a href="#">Three Technologies that Might Make Climate Villains Green</a>  <a href="#">Power Beamed from Orbit in First Proof-of-Principle Test</a></p>
<p><b>To what extent are lab-grown gems an alternative solution to the ethical and environmental implications of the diamond industry?</b></p>	<p><a href="#">Blood Diamonds</a>  <a href="#">Why Diamonds are Losing their Allure</a>  <a href="#">Lab-Grown Diamond Company Puts Purpose Behind Profits</a>  <a href="#">Markle Sparks Controversy by Wearing Lab-Grown Diamonds</a>  <a href="#">How ‘Seeds’ and Super-Hot Gas Could Take Down the \$80 Billion Diamond Industry</a></p>
<p><b>How effective and ethical is the use of cloning to gather stem cells as a form of disease treatment?</b></p>	<p><a href="#">Cloning</a>  <a href="#">Stem Cell Cloning</a>  <a href="#">Therapeutic Cloning</a>  <a href="#">Stem Cells, Embryonic</a></p>
<p><b>To what extent do genetically modified foods provide a solution to world hunger?</b></p>	<p><a href="#">Food Insecurity and Undernutrition</a>  <a href="#">Drought-Resistant Crops</a>  <a href="#">Salinity-Tolerant Plants</a>  <a href="#">Genetically Modified Crops May Be a Solution to Hunger - Why There Is Scepticism in Africa</a>  <a href="#">GMO Crops Designed To Kill The Eaters</a></p>
<p><b>To what extent does 3D organ printing technology provide potential solutions to organ shortages?</b></p>	<p><a href="#">Organ Transplants</a>  <a href="#">Rapid 3D Printing Method Moves Toward 3D-Printed Organs</a>  <a href="#">3D Printing Can Revolutionise Prospects for Regenerative Medicine</a>  <a href="#">Organ Transplants on the Rise in the United States</a>  <a href="#">Organ Printing</a></p>

## ACTIVITY QUESTION:

To what extent can alternative and renewable energy stop climate change's effect on our environment?

**Directions:** Read and analyze the documents for the activity and answer the questions below. Be sure to sign into *Gale In Context: Global Issues* BEFORE clicking any link.

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### Activity Documents:

[Climate Change](#)

[Alternative Energy](#)

[Europe's New Powerhouse; The North Sea Economy](#)

[Three Technologies that Might Make Climate Villains Green](#)

[Power Beamed from Orbit in First Proof-of-Principle Test](#)

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**Explain the issue of climate change and its environmental effects.**

### Source Citation:

**What recent innovations in the field of alternative energies has happened to help stop climate change's effect on our environment?**

### Source Citation:

**What are some different viewpoints or perspectives on this topic, and why might it considered controversial? Explain.**

### Source Citation:

**ACTIVITY QUESTION:**

**To what extent can alternative and renewable energy stop climate change's effect on our environment?**

**Directions:** Now that you have read and analyzed the activity documents, it is time to construct your own argument. Answer the activity question with your claim, then provide three reasons with accompanying text evidence.

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**Your Claim:**

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**Reason 1:**

**Evidence:**

**Reason 2:**

**Evidence:**

**Reason 3:**

**Evidence:**

## ACTIVITY QUESTION:

To what extent are lab-grown gems an alternative solution to the ethical and environmental implications of the diamond industry?

**Directions:** Read and analyze the documents for the activity and answer the questions below. Be sure to sign into *Gale In Context: Global Issues* BEFORE clicking any link.

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### Activity Documents:

[Blood Diamonds](#)

[Why Diamonds are Losing their Allure](#)

[Lab-Grown Diamond Company Puts Purpose Behind Profits](#)

[Markle Sparks Controversy by Wearing Lab-Grown Diamonds](#)

[How 'Seeds' and Super-Hot Gas Could Take Down the \\$80 Billion Diamond Industry](#)

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**Explain the ethical and environmental implications of blood diamonds within the diamond industry.**

### Source Citation:

**What recent innovations in the field of lab-grown gems has happened to help resolve the concerns and issues regarding blood diamonds?**

### Source Citation:

**What are some different viewpoints or perspectives on this topic, and why is it considered controversial? Explain.**

### Source Citation:

**ACTIVITY QUESTION:**

**To what extent are lab-grown gems an alternative solution to the ethical and environmental implications of the diamond industry?**

**Directions:** Now that you have read and analyzed the activity documents, it is time to construct your own argument. Answer the activity question with your claim, then provide three reasons with accompanying text evidence.

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**Your Claim:**

---

**Reason 1:**

**Evidence:**

**Reason 2:**

**Evidence:**

**Reason 3:**

**Evidence:**

## ACTIVITY QUESTION:

How effective and ethical is the use of cloning to gather stem cells as a form of disease treatment?

**Directions:** Read and analyze the documents for the activity and answer the questions below. Be sure to sign into *Gale In Context: Global Issues* BEFORE clicking any link.

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### Activity Documents:

[Cloning](#)

[Stem Cell Cloning](#)

[Therapeutic Cloning](#)

[Stem Cells, Embryonic](#)

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**Explain cloning and how it is being used in the medical field.**

### Source Citation:

**What recent innovations in the field of cloning has happened to help provide disease treatment?**

### Source Citation:

**What are some different viewpoints or perspectives on this topic, and why is it considered controversial? Explain.**

### Source Citation:

**ACTIVITY QUESTION:**

**How effective and ethical is the use of cloning to gather stem cells as a form of disease treatment?**

**Directions:** Now that you have read and analyzed the activity documents, it is time to construct your own argument. Answer the activity question with your claim, then provide three reasons with accompanying text evidence.

---

**Your Claim:**

---

**Reason 1:**

**Evidence:**

**Reason 2:**

**Evidence:**

**Reason 3:**

**Evidence:**

## ACTIVITY QUESTION:

To what extent do genetically modified foods provide a solution to world hunger?

**Directions:** Read and analyze the documents for the activity and answer the questions below. Be sure to sign into *Gale In Context: Global Issues* BEFORE clicking any link.

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### Activity Documents:

[Food Insecurity and Undernutrition](#)

[Drought-Resistant Crops](#)

[Salinity-Tolerant Plants](#)

[Genetically Modified Crops May Be a Solution to Hunger - Why There Is Scepticism in Africa](#)

[GMO Crops Designed To Kill The Eaters](#)

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**Explain the issue of genetically modified foods and its effects:**

### Source Citation:

**What recent innovations has happened to help resolve this issue?**

### Source Citation:

**What are some different viewpoints or perspectives on this topic, and why is it considered controversial? Explain.**

### Source Citation:



**ACTIVITY QUESTION:**

**To what extent do genetically modified foods provide a solution to world hunger?**

**Directions:** Now that you have read and analyzed the activity documents, it is time to construct your own argument. Answer the activity question with your claim, then provide three reasons with accompanying text evidence.

---

**Your Claim:**

---

**Reason 1:**

**Evidence:**

**Reason 2:**

**Evidence:**

**Reason 3:**

**Evidence:**

## ACTIVITY QUESTION:

To what extent does 3D organ printing technology provide potential solutions to organ shortages?

**Directions:** Read and analyze the documents for the activity and answer the questions below. Be sure to sign into *Gale In Context: Global Issues* BEFORE clicking any link.

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### Activity Documents:

[Organ Transplants](#)

[Rapid 3D Printing Method Moves Toward 3D-Printed Organs](#)

[3D Printing Can Revolutionise Prospects for Regenerative Medicine](#)

[Organ Transplants on the Rise in the United States](#)

[Organ Printing](#)

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**Explain the issue of organ donation and its effects:**

### Source Citation:

**What recent innovations have happened to help resolve this issue?**

### Source Citation:

**What are some different viewpoints or perspectives on this topic, and why is it considered controversial? Explain.**

### Source Citation:

**ACTIVITY QUESTION:**

**To what extent does 3D organ printing technology provide potential solutions to organ shortages?**

**Directions:** Now that you have read and analyzed the activity documents, it is time to construct your own argument. Answer the activity question with your claim, then provide three reasons with accompanying text evidence.

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**Your Claim:**

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**Reason 1:**

**Evidence:**

**Reason 2:**

**Evidence:**

**Reason 3:**

**Evidence:**