

U2D18 – Climate Change Solutions

U2D18 – Bell Ringer –

11/19



1) Fill in the blank with the correct term from the word bank!

Word Bank: Oceans, hours, direct, troposphere, limestone

- a. The layer of the atmosphere that contains weather is the _____.
- b. Earth's tilt and orbit around the sun gives us more _____ of sunlight and more _____ sunlight when we are tilted toward the sun.
- c. Two carbon reservoirs are _____ and _____.

2) Doublecheck that you have all the Bell Ringers for the unit. There should be 14 including today.

Objectives

Content Objective: I can analyze the effectiveness and challenges of solutions to climate change.

Language Objective: I can explain orally how solutions address problems.

1

Brainstorm as many ideas as you can.

2

Narrow it to your top 3.

3

Explain how each solution will work.

4

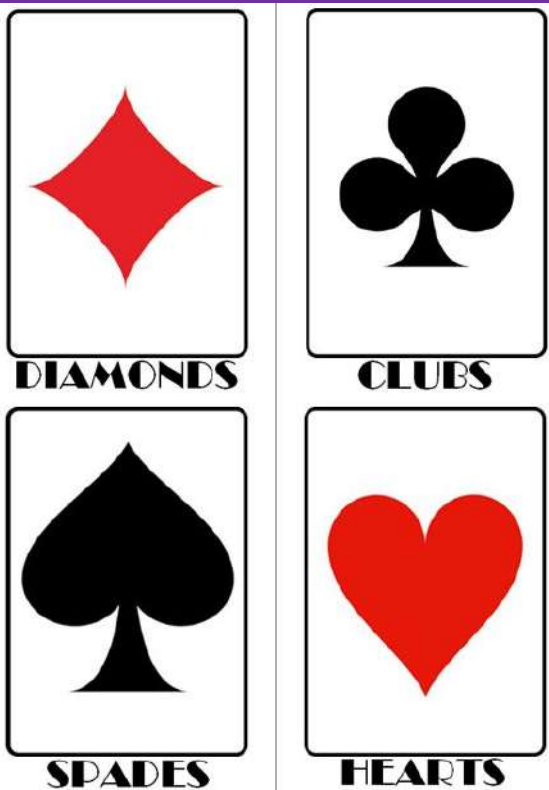
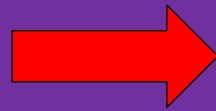
What challenges will we face in implementing each solution?

Climate Change Solutions

Climate Change Solution Group Roles

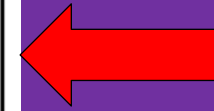
Facilitator:

Make sure everyone's ideas are heard.



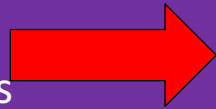
Recorder:

Writes down group's ideas.



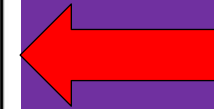
Realistic Rhino:

Helps explain how ideas solve problems and challenges in implementing them.



Creative Cat:

Brainstorms new unusual ideas.



Group Brainstorm Board



1)

Brainstorm as many ideas as you can.

Ideas can be realistic or "creative".

Solutions can address the cause or the symptoms.

| | |
|--|--|
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2)
Narrow your ideas to your top 3.

You need at least one preventative solution (address the cause) and one reactive solution (address the impacts of climate change)

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5:00

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3) Explain your solutions

For each of your top 3:

- Why is it a good solution
 - (how does it solve the problem?)
- Who should implement it
- How would it be funded.

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4) Challenges

For each of your top 3 ideas, explain what challenges or obstacles you will face in implementing it (carrying it out).

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| <p>1)</p> <p>Brainstorm as many ideas as you can.</p> <p>Ideas can be realistic or "creative".</p> <p>Solutions can address the cause or the symptoms.</p> | <p>2)</p> <p>Narrow your ideas to your top 3.</p> <p>You need at least one preventative solution (address the cause) and one reactive solution (address the impacts of climate change)</p> |
| <p>3) <u>Explain</u> your solutions</p> <p>For each of your top 3:</p> <ul style="list-style-type: none">• Why is it a good solution<ul style="list-style-type: none">• (how does it solve the problem?)• Who should implement it• How would it be funded. | <p>4) Challenges</p> <p>For each of your top 3 ideas, explain what challenges or obstacles you will face in implementing it (carrying it out).</p> |



Idea Pitch

Choose your
best idea to share.

"Pitch" your idea
in one minute.

Individual Exit Task

Make an advertisement for your idea.



It should:

Be colorful and attractive.

Be clear what the solution is, and
how it works.