Handout to View: An Inconvenient Truth

A. Before Viewing: Terminology to Know

- CO₂ – carbon dioxide, a natural gas found on Earth
- Moral imperative – urgent call to act in a good way
- Unethical – immoral, not good
- Ice Core Drills – cylindrical samples of ice which glaciologists use to study temperatures (determined by isotopes) and CO₂ levels over 1,000 years
- Collective Consciousness – awareness of all humans as a group

B. Before & During Viewing: Stop the Film to Consider these Questions

1. Which of these images affects you the most (circle one answer):
   - the river
   - “Earth Rise”
   - the paper mill
   - traffic

What do you think of and/or feel when you see this image?
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

2. Watch the cartoon then write notes to compare points of view below.

<table>
<thead>
<tr>
<th>The Speaker’s point of view is…</th>
<th>The little girl’s point of view is…</th>
<th>My point of view is …</th>
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3. Complete these Short Answer & True or False Questions as you watch:
   a) How does the Earth breathe in and out each year?_________________
      ___________________________________________________________________
   b) The Himalayas supply ____% of the world’s population with water.
   c) True or False – More CO$_2$ in the atmosphere causes higher temperatures.
   d) True or False – Colder oceans cause stronger, more frequent storms.
   e) The “ocean conveyor” of cold, salty water could cause world temperatures
to ______, making the start of a new ice age possible in our lifetime.
   f) What species are dying because of temperature and CO$_2$ changes? _____
      ___________________________________________________________________

C. After Viewing: Discuss with a Partner
Is climate change really happening? What do these numbers suggest?

| 928 – the number of peer-reviewed articles dealing with climate change published in scientific journals between 1995-2005 | 3,543 – the number of articles in the popular press about global warming between 1991-2005 |
| 0% – the percentage of articles in doubt as to the cause of global warming | 53% – the percentage of articles in doubt as to the cause of global warming |

Why do most people do nothing about the problem of climate change?

D. After Viewing: “Crisis = Opportunity” Group Brainstorm
What could people do about climate change?

What can we do individually or with our families?

What can we do as a class?

What can each of us do after graduating from high school?