

ECOSYSTEMS AND CATASTROPHIC EVENT STORY BOARD

Event: Flood, Forest fire, Earthquake, Hurricane, War, Wild Fire, Drought, Volcano, Rock / Land / Mud slide

The following activity will incorporate the IB Areas of interaction: Environments, Human Ingenuity

1. Pick an ecosystem. Diagram the name in box ONE to represent your ecosystem
2. In BOX 2 - 5 Illustrate and label your ecosystem from birth to maturity.
3. Pick a catastrophic event. Diagram and label it in the catastrophic event box number SIX.
4. In box SEVEN, diagram and label the affect of the catastrophic event on your ecosystem.
5. Diagram and label secondary succession after the catastrophic event from box EIGHT on.

Answer the following discussion question in complete thoughtful sentences.

1. How does the variety of organisms (biodiversity) contribute to the sustainability of the ecosystem?
2. Describe in detail the impact your catastrophic event had on your ecosystem. How did the event affect the entire community?
3. Compare and contrast your ecosystem the day before the catastrophic event and the day after the event.
4. Describe how you would use your Human Ingenuity to help your community recover from the catastrophic event.

1	2	3	4
5	6 CATASTROPHIC EVENT	7	8
9	10	11	12