

UPGRADE to the Bundle

Crash Course - ECOLOGY

12 Episode Series Bundle

- ✓ Classroom Ready - Just Print and Go!
- ✓ Active Engagement - Keep Students' Attention
- ✓ Direct Video Link Included

WATCH VIDEO



ALL 12 Episodes with Answer
Keys and Direct Video Link

CLICK HERE



Crash Course Ecology #11: Pollution

Name: _____ Date: _____

You can access the video here → <https://youtu.be/kdDSRRCKMu7si-aCK1lzm3l0MO64>

1. Pollution is any substance that is in the wrong place or in the wrong _____ in the environment.
2. _____ compounds in the wrong concentrations can be just as harmful as synthetic ones.
3. We are overloading the _____ Cycle by burning fossil fuels like coal, oil, and gas.
4. Extra nutrients like nitrogen and phosphorus from fertilizers can cause harmful _____ blooms in water bodies.
5. The process of algae decomposition depletes _____ in the water, leading to dead zones.
6. The Gulf of Mexico Dead-Zone is largely caused by fertilizer runoff from the _____ River basin.
7. Mining operations use _____ to extract precious metals from ore, which can lead to environmental contamination.
8. The leftover waste from mining operations that contains toxic substances is known as _____.
9. Mercury released from burning coal can enter the food chain and acts as a powerful _____.
10. When sulfur dioxide and nitrogen dioxide react with water vapor in the atmosphere, they create _____ rain.
11. Acid rain can lead to the release of toxic elements like _____ in soils and water.
12. Chemicals like bisphenol A (BPA) are examples of _____ disruptors that interfere with hormonal systems.
13. Endocrine disruptors can leach into water and have been linked to fish developing both _____ and female reproductive organs.
14. The people most at risk from endocrine disruptors are _____ and infants due to their developing systems.
15. The field of _____ biology aims to save ecosystems and humanity from the effects of environmental damage.

Crash Course Ecology #11: Pollution KEY

1. Pollution is any substance that is in the wrong place or in the wrong **concentrations** in the environment.
2. **Natural** compounds in the wrong concentrations can be just as harmful as synthetic ones.
3. We are overloading the **Carbon** Cycle by burning fossil fuels like coal, oil, and gas.
4. Extra nutrients like nitrogen and phosphorus from fertilizers can cause harmful **algal** blooms in water bodies.
5. The process of algae decomposition depletes **oxygen** in the water, leading to dead zones.
6. The Gulf of Mexico Dead-Zone is largely caused by fertilizer runoff from the **Mississippi** River basin.
7. Mining operations use **cyanide** to extract precious metals from ore, which can lead to environmental contamination.
8. The leftover waste from mining operations that contains toxic substances is known as **tailings**.
9. Mercury released from burning coal can enter the food chain and acts as a powerful **neurotoxin**.
10. When sulfur dioxide and nitrogen dioxide react with water vapor in the atmosphere, they create **acid** rain.
11. Acid rain can lead to the release of toxic elements like **aluminum** in soils and water.
12. Chemicals like bisphenol A (BPA) are examples of **endocrine** disruptors that interfere with hormonal systems.
13. Endocrine disruptors can leach into water and have been linked to fish developing both **testes** and female reproductive organs.
14. The people most at risk from endocrine disruptors are **fetuses** and infants due to their developing systems.
15. The field of **conservation** biology aims to save ecosystems and humanity from the effects of environmental damage.

15 Questions

Answer Key Included

Save 85% per worksheet!