

# SAMPLE QUESTIONS

## Elementary



### ENVIRONMENTAL MIND GRIND GAME FORMAT

- All Elementary teams will compete on Saturday, April 19 at Skycourt in Orchard Park Mall.
- The competition is based on games of seven questions. After a question is asked, the team to first buzz in has an opportunity to answer. If the team answers correctly, they receive a point, if the team answers incorrectly, one person from the opposing team has the opportunity to answer. If they answer correctly, their team receives a point, if they answer incorrectly, no points are given and the game proceeds to the next question. The team with the most points at the end of seven questions advances to the next round. After 7 questions if the teams are tied, a tie-breaking question will be asked to determine the winner of that game.
- Each participating team is guaranteed to play a minimum of two games at the event. The games will be played “double knock-out” style, once a team has lost twice; they are out of the competition.
- First and second place teams of each of the categories are invited to play in the “BC Play-offs” against other EMG communities on Saturday, May 3 at the Okanagan College, KLO Campus, Kelowna.

### SAMPLE QUESTIONS

1. **What is an SOV?**

- Single Occupant Vehicle
- Vehicle driven by one person

2. **What is the cleanest burning fossil fuel?**

Natural gas

3. **What is the single oldest living thing on earth?**

A tree, a 4,700 year old bristlecone pine tree in California

4. **Name one NATURAL reason for extinction.**

Competition for habitat, Disease, Climate change, Natural disaster such as flood, fire, and storms

5. **What is the definition of waste?**

Waste is defined as “eliminated or discarded as no longer useful or required”

6. **What is a water molecule made up of?**

2 hydrogen atoms bonded with one oxygen atom

7. **When are you in a watershed?**

Always

8. **What is air pollution?**

Too much of any substance in the air that causes harm to people, plants or animals

9. **Why is Mercaptain added to natural gas?**

For safety reasons

10. **What is BC’s official tree?**

A western red cedar

11. **Name one reason why tiger salamanders are at risk in BC.**

Because of their small population, limited distribution and the rapid development of their habitat for human use

12. **Of the three R’s which one is the main goal for waste reduction?**

Reduce

13. **Who are the 2<sup>nd</sup> highest water users in the world?**

Canadians.

**14. What is a curvy stream called?**

A meandering stream

**15. For distances up to 5 kilometers, what is the fastest mode of transportation, door to door?**

cycling

**16. Why should you check and change furnace filters regularly?**

Dirty clogged filters can reduce airflow and make your furnace work harder and less efficiently

**17. What is a wildlife tree?**

A dead or living tree that provides valuable habitat for wildlife, such as food, shelter, nesting, dens and hunting perches

**18. Give one example of a business based on reusing.**

Libraries, second hand stores, rental stores

**19. There are 6 important processes that make up the water cycle. Name three of them.**

Evaporation, condensation, precipitation, surface runoff, infiltration and transpiration

**20. Name two benefits of riparian vegetation**

Temperature regulation, food for fish, protection, homes, erosion control, pollution control

**21. Name one reason why roads are an environmental problem.**

- Fragment the countryside blocking animal migration
- Use land previously devoted to parks, open space, and food production
- Increase traffic congestion
- Materials for the construction of roads are often extracted from environmentally sensitive areas like river beds or wetlands

**22. What is a door sock used for?**

To stop drafts under exterior doors that have too big a gap to weather-strip

**23. Name one reason why logging companies leave a no harvest buffer strips along lakes, streams and rivers?**

To protect fish habitat, water quality and stream banks

**24. What is the definition of extinct?**

A species which did exist, but now has no members alive.

**25. What is nature's way of recycling?**

Composting

**26. Instead of washing it with a hose, how should you clean your driveway?**

Sweep it with a broom.

**27. Name one reason why you shouldn't allow cows access to a creek**

A cow can squish fish eggs, can go the bathroom in the creek polluting the water, can feed on or trample young vegetation in the riparian zone