Bill Nye: Biodiversity
As you watch this video, answer the following questions about its critical concepts.

1. All environments are Earth on crowded with __________.

2. Ecosystems contain both __________ and __________ parts.

3. Describe what Bill Nye was trying to demonstrate by removing some of the blocks in his tower of blocks.

4. What does the expression “You pick a flower without jiggling a star” say about ecosystems?

5. In Consider the Following, Bill Nye makes a special request to not spread out our development projects. **WHY?**

6. Name at least two species that have gone extinct. *(four were shown)*

7. The “best way to wipe out a species” is to change its _________________.

8. In the area where the students were digging out invasive plants, what was on that land originally, before it was a dump?

9. The largest ecosystem in the world is ________________, where 2/3 of all species live.

10. Name **five** things you can do to guarantee biodiversity.

   1) ____________
   2) ____________
   3) ____________
   4) ____________
   5) ____________

11. Of the 30,000,000 species on Earth, how many are lost each HOUR? ________

12. In conclusion, Bill Nye states that “As more and more species disappear, it’s harder and harder to keep an ecosystem in balance *because we don’t know WHAT?*

13. To keep our ecosystem healthy, we must keep our _________________.

Other Questions:
14. What is a BIOME?

15. What abiotic factors determine the type of biome?

16. What factors made grasslands instead of forests?

17. Why does a mountain have a series of different biomes even though the mountain is located in one geographical area?