SNC2D Task – Kiss the Ground Name:

1. What was the largest man-made natural disaster in history and how did it happen?
2. What is the basis (element) for all life on Earth?
3. How does soil sequester CO2 from the atmosphere?
4. What happens when soil is tilled?
5. How were pesticides invented?
6. Why are most crops genetically modified?
7. How much topsoil has been lost due to chemical agriculture?
8. What is desertification?
9. What is transpiration?
10. How many people are estimated to be refugees by 2050 because of desertification?
11. What happens when cropland is covered with vegetation?
12. What is Drawdown? How many years from now could climate change reversal begin?
13. What three countries did not sign the *4 for 1000 Initiative* ?
14. What is the Legacy Load of CO2 in the atmosphere?
15. What is Agroforestry?

1. What happens when rain falls on bare soil?
2. How does a multi-species cover crop enhance soil?
3. How did most of the Buffalo die?
4. What kind of land are livestock typically raised on?
5. How can using livestock help reverse desertification?
6. How much of the world is grassland/savannah?
7. How does carbon travel to soil?
8. What do 70% of US croplands grow?
9. How much do taxpayers subsidize agriculture per year to give farmers price guarantees?
10. Why does a diversity of crops in just one farm/area help the soil?

1. How does San Francisco incentivize it’s citizens to use the green compost bin?
2. How many people around the world are lacking proper sanitation?
3. What is one solution to approaching sanitation and soil issues?
4. What is the difference between a typical “cage-free” egg vs. a pasture-raised egg ?
5. What percentage of our farms today are managed for soil health?
6. What are the four principles of regenerative agriculture?
7. What was once called “the most eroded place on Earth”?