Chasing Corals Video Questions – Key.

1. In coral reefs
2. Out of sight, out of mind.
3. Weather, climate, controls the oxygen we breathe.
4. Caitlin seaview survey
5. Communicate to people that there is a problem with our oceans.
6. 0.01%
7. 80-90%
8. Polyps
9. Microalgae
10. Photosynthesize and make food for the animal
11. Foundation
12. Raise the temperature by 2 degree Celsius
13. Stress response. Pushing a non functioning phosynthesizing cell out of the animal cell.
14. If you can document that change, you can reveal coral bleaching to the public in a powerful way.
15. Camera
16. Two separate organisms that have adapted to each other and are now benefitting each other.
17. Anemone provides protection, clownfish provides food.
18. *Montipora, Porites compressa, Lutea*
19. Build and change their environments. Create their own habitats
20. Fish live in same spot – neighborhood. Traffic. Morning chorus, purring, grunts and groans. Each fish has its own job. Fish farm. Crabs defend. Moray eels will hunt and share the meal. Crunching noise of the parrot fish.
21. 0.5 to 1billion
22. Prostaglandin – sea fans fights cancer. Bryostatin from coral rhizomes – statin.
23. Footage is out of focus. The manual focus changed over time.
24. Fixed lens
25. The great barrier reef
26. Putting down new cameras
27. Climate change
28. Coral cores.
29. Rings.
30. Emitting carbon into the atmosphere.
31. Oceans. Heat trapped by greenhouse gases are transferred to the oceans
32. Burning fossil fuels
33. Heat
34. 93%
35. Hurricane Winston and a lot of cool water traveled to the GBR.
36. New Caldonia, Lizard Island
37. Manual underwater time-lapses every single day.
38. 95F

39. 60 sites, 2 mins of video at each site. Each day.
40. Fluorescing. Producing a chemical sunscreen to protect themselves from the heat.
41. Classes
42. 25 years
43. Courage
44. This movie.
45. 29%
46. Maine and Washington, D.C.
47. Reduce
48. No
49. Yes – Cleveland.
50.