

The Secrets of Nature| YouTube & Amazon Prime

(NGSS Disciplinary Core Ideas: Multiple, including crosscutting concepts 5, 6 & 7; Energy and Matter: Flows, cycles and conservation, Structure and Function, Stability and Change)

Namaqualand - Africa's Desert Garden

Questions

1. Why are flowers often so brightly colored?
2. Coevolution is a term that means that two species have evolved together in a particular way because their relationship has pushed each of them to specifically adapt to one another. What relationship featured in this episode is likely an example of coevolution?
3. What keeps the meerkat group safe while they are foraging for food?
4. Why do the meerkat choose not to eat the grasshoppers in this episode?
5. What triggers the incredible change that Namaqualand sees each year?
6. What are 2 ways we saw plant seeds being dispersed in this episode? Why is it important for the plant that this dispersal occurs?
7. How do you think you would find food if you were stuck in Namaqualand during the hot, dry summer?

Post-Discussion Questions and Activities

- We saw a lot of flowers during this episode. The next time you leave your house and go out into your backyard or to a park, try to find 3 different kinds of flowers and draw them on a piece of paper. How do you think their seeds are dispersed?
 - Did you draw some pretty great flowers? The Oakland Zoo Education Staff would love to see what you have done! Click [here](#) to fill out the google form and share your amazing work with us.