



River of Change

Rio Nuevo (Part 3.1)

Follow this worksheet as you watch the River of Change - Rio Nuevo (Part 3.1) video to learn more about the future of the Rio Grande and its bosque. If you want to learn more, check out our other River of Change activity in our website (bemp.org/education-resources/river-of-change).

1. After learning about the Rio Bravo, what do all things (biotic and abiotic) depend on in the bosque ecosystem?
2. What events contributed to the changes in the river's shape?
3. Do you think we should make the river and bosque look like the past?
4. If so, what changes do you think can be done on your own and as a community to help the river and bosque look more like the past?
5. What is your favorite part of the bosque/forest ecosystem?
6. What do you think would happen if your favorite part of the ecosystem went away?

6. Where would the birds go if there were no longer trees for them to nest in?

7. Why do we want a resilient ecosystem?

8. What would happen if this forest didn't bounce back?

9. Is the bosque a resilient ecosystem at the end of Rio Manso? Think about all the changes that have happened in the past 2000 years.

10. Which bosque change did you decide to focus on?

- a. Implementation of Cochiti Dam
- b. Introduction of exotic plants and animals
- c. Construction of levees and ditches
- d. Bosque recreation for people

11. What are the pros of this change to the ecosystem and/or for humans?

12. What are the cons of this change to the ecosystem and/or for humans?

13. Who benefits from this change and do YOU benefit from this change?

14. Who is harmed from this change?

15. How does this change relate to your favorite part of the ecosystem? Does your favorite part of the ecosystem

16. How does this change relate to your favorite part of the ecosystem? Does your favorite part of the ecosystem benefit from this change? Is it harmed?

17. Does this change make the ecosystem resilient?