

Activity Page

Living with Fire

Name _____

1. Circle the kind of forest you choose to work in:

<u>Old growth ponderosa pine</u> back in the woods far from human settlement	<u>Young ponderosa pine</u> closer to settled areas near homes & buildings
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2. Circle **two** treatments you choose to compare:

<u>No treatment:</u> Let nature take its course	<u>Thin small trees</u> from under the larger ones	<u>Thin small trees</u> from under the larger trees, then burn with surface fire
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3. Compare the appearance of your forest one year after the two treatments. Do the two cartoon forests look alike? Can you see some differences?

4. Find out how a wildland fire will behave after each of your treatments. In the table below, use a few words to describe the flames, the fire's effects on big trees, and the fire's effects on small trees.

Weather conditions	Your first treatment	Your second treatment
Low-danger weather	Flames: _____ Big trees: _____ Small trees: _____	Flames: _____ Big trees: _____ Small trees: _____
Moderate-danger weather	Flames: _____ Big trees: _____ Small trees: _____	Flames: _____ Big trees: _____ Small trees: _____
High fire danger weather	Flames: _____ Big trees: _____ Small trees: _____	Flames: _____ Big trees: _____ Small trees: _____

5. Describe one benefit and one disadvantage of each treatment.

6. On the back, write a paragraph that explains when you think it is a good idea to "just monitor" a wildland fire, and when it is good to use all-out suppression efforts.