

Life in the Zone

Rangers in the Classroom—Post-visit Lesson Plan



Grade Level: 5th

Setting: Classroom

Duration: 1 – 2 hours

*Should be broken up into 3-4 30 minute sessions

Standards Addressed:

° Visual and Performing Arts:

2.1, 2.6, 2.7

° Science—Earth Science:
4c, 4d

° Writing Applications:
2.3

Introduction:

Thank you for joining us on an exciting adventure into the world of life zones with our Life in the Zone program. We created this post-visit activity to review, reinforce and enrich your students' understanding of what life is like in the different life zones found in Sequoia and Kings Canyon National Parks. Please refer to the program outline we provided during our visit to your class for additional sources of information. We hope you enjoyed the ranger visit and invite us back soon.

Have fun!

Materials:

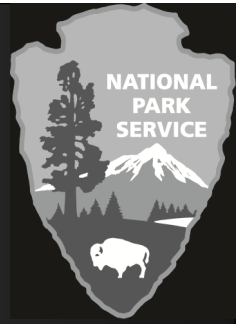
- ° Samples of travel posters and brochures
- ° Poster board
- ° Markers and colored pencils
- ° Paper for travel brochures
- ° Computer access (if possible)

Instructions:

1. Divide students into small groups.
2. Assign each group one of the life zones: Foothills, Montane, or Alpine.
3. Each group will produce a travel poster for their life zone.
4. The poster should include the name of the life zone, a slogan and a drawing of the landscape complete with plants and animals found within that zone.
5. Students will individually create a tri-fold travel brochure expanding on the ideas generated with the travel poster.
6. The tri-fold brochure should include information on the climate, average rainfall, soil conditions and how the plants and animals within the zone have adapted to survive.
7. Students should try to make posters and brochures colorful and appealing.
8. See attached basic samples for ideas (if needed).

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The MONTANE Life Zone



Come see our Giant Sequoias!

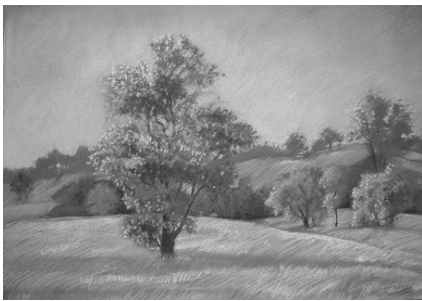
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Sample Tri-fold Travel Brochure

Foothills Life Zone

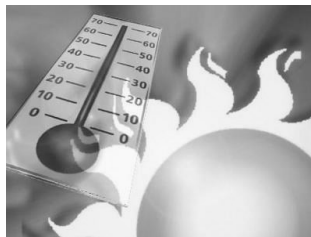


Come and See Our Golden Rolling Hills!!!

Are you tired of cold and wet winters? Are you sick of shoveling snow? Then come to the foothills where it is warm and sunny all summer long!



If you hate cold weather, this is the place for you. Our winters are mild; the temperature rarely drops below 30° F. In the summer you can enjoy plenty of hot days with no rain to spoil your outdoor plans. In fact, our summers often see weeks and weeks of temperatures over 100° F.



Our soil is very rocky, but if you have the right adaptations you can survive well in the foothills.

We have lots of plants, including Oak Trees, Yucca Plants, and Manzanita Trees. If they can survive here, maybe you can too!!



The foothills are also a popular place for animals. Mule Deer and Black Bear live in the foothills, feasting on our acorns. We also have lots of coyotes, who find many different kinds of foods in the rolling foothills.

