

WELCOME TO THE LOG HOTEL

The Delightful Decomposers that Disassemble Dead Things

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6.! Once your hotel guests are settled in, maintain your log hotel:

!! Feed a regular diet of fresh vegetables. Cucumbers and carrots seem to be favorites, but experiment to see what your guests like. Avoid fruit because it will attract fruit flies. For easier cleanup, you can put the vegetables on a small dish.

!! If you have snails, include a source of calcium for shell building: egg shells or cuttlebone.

!! Keep the hotel moist and out of direct sunlight. Mist with water regularly. If it is drying out too fast, cover some of the vent holes with plastic wrap. Remember, decomposers like it dark and wet!



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What types of decomposers are in your log hotel? What are their preferred food sources? Use a notebook to record your log hotel observations.

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What are the key elements of the log hotel that make it a good habitat for decomposers? Think about what the decomposers need in terms of the four key habitat needs: FOOD, WATER, SHELTER and PLACE TO RAISE THEIR YOUNG.

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What would our planet look like if we didn't have decomposers?

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How do humans make use of decomposers to get rid of our waste?

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- ! Use the senses to gain new information or find new ways to use information. (HEAD)
- ! Learn to form ideas, make decisions, and think critically. (HEAD)

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Supplemental Information

Educational Standards Met

3-LS4-3

Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.

5-LS2-1

Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

MS-LS2-3

Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem