

T. A. Barron's Adventure for Young Readers

# TREE GIRL

## Chapter 13 — Questions and Activities

### Art: Beach Sunrise

When Master Mellwyn sails off for his fishing trip, author T.A. Barron helps us imagine a beautiful scene with his words. *“As he rowed across the lagoon, morning light gleamed on the waves like a web spun of gold.”*

Create your own beautiful beach sunrise. You can make up your own or use one of these videos as a guide:

-  <https://www.youtube.com/watch?v=FCvOz5FQky0>
-  [https://www.youtube.com/watch?v=\\_8ipGDh22aY](https://www.youtube.com/watch?v=_8ipGDh22aY)

If you'd rather color, you might like this coloring page: <http://getdrawings.com/get-coloring-pages#sunrise-coloring-page-7.jpg>.

### Social Studies: Leave No Trace

When you're outside enjoying wilderness, like taking a walk in the woods, it's important to not interfere. Although you may not see it, there is life happening all around you and you are a guest in their home. Wouldn't you think it would be rude if someone came into your home and took things or made a big mess?

This is called **“Leave No Trace.”** That means that when you enjoy the company of nature, there should be no evidence you were there. Watch this video and learn the seven principles of “Leave No Trace.” [https://www.youtube.com/watch?v=p\\_Hy1I7AG4c](https://www.youtube.com/watch?v=p_Hy1I7AG4c).

If you'd like to learn more, you can visit <https://lnt.org/>, with permission.



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## Science: Sound

As Anna was walking through the woods, she heard many sounds at first, but as she walked she noticed the forest fall silent — even the frogs stopped croaking! Even when the people and animals around us are not making noise, it is rare there is no sound at all. Try it right now. Go someplace quiet, close your eyes and just listen. Do you hear anything?

Learn how sound travels:

- 🌳 Physics for Kids: The Science of Sound: <https://www.ducksters.com/science/sound101.php>
- 🌳 DK Find Out: Sound: <https://www.dkfindout.com/us/science/sound/>
- 🌳 PBS Science Trek: Sound: <https://www.pbs.org/video/sound-the-science-of-sound-syzigq/>
- 🌳 How Sound Travels Worksheet: <https://www.greatschools.org/gk/worksheets/how-sound-travels/>
- 🌳 Science of Sound Reading Comprehension: <https://www.teachwire.net/teaching-resources/year-4-science-assessment-worksheet-with-answers-sound>

Once you have learned more about how sound travels, try one (or more) of the science experiments found here: <https://www.kidsacademy.mobi/storytime/sound-science-experiments/>

## Life Skills: Composting

As Anna was walking through the woods, she noticed the wood turning into soil. When this happens, it's called *decomposition*. All organic matter breaks down after it is no longer alive. In nature, when this matter breaks down, it returns to the soil, providing nutrients that help more plants grow. It's a lot like recycling!

Many people help their own gardens grow by composting, a similar process of using decomposing organic matter to help nourish the soil. You can learn more about composting and, if you get permission, you might want to try it yourself.

- 🌳 Composting 101: How Composting Works: <https://youtu.be/1-LyHBJydGk>
- 🌳 A Kids Guide to Composting: <http://www.ecofriendlykids.co.uk/composting.html>
- 🌳 Composting for Kids eBook: <https://aggie-horticulture.tamu.edu/kindergarten/kidscompost/CompostingForKids.pdf>



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## Science: Lunar Cycles

Master Mellwyn believes that bad things happen in the woods during the full moon. A full moon is when the moon appears in the sky as an entire sphere (a filled-in circle). The moon appears in the night sky every night. Sometimes, we only see part of it. Do you know why? You can use these resources to learn more:



- 🌳 Nat Geo Kids: Phases of the Moon: <https://www.natgeokids.com/au/discover/science/space/the-phases-of-the-moon/>
- 🌳 Phases of the Moon Facts for Kids: [https://kids.kiddle.co/Phases\\_of\\_the\\_Moon](https://kids.kiddle.co/Phases_of_the_Moon)
- 🌳 Phases of the Moon Video: <https://www.youtube.com/watch?v=76-HAqNKqKA>
- 🌳 Waxing of the Moon Worksheet: <https://www.twinkl.com/resource/t2-s-213-waxing-of-the-moon-worksheet>
- 🌳 Phases of the Moon Worksheet: <https://www.studyladder.com/games/activity/the-phases-of-the-moon-worksheet-31761>

**Mini-Book:** There were a few different trees mentioned in this chapter; the Rowan, Hawthorn, Beech and Walnut tree. The first three trees should already be in your mini-book. Learn more about the walnut tree and make a page for it in your book.

- 🌳 Walnut Facts for Kids: <https://kids.kiddle.co/Walnut>
- 🌳 Walnut Tree Facts: [https://www.softschools.com/facts/plants/walnut\\_tree\\_facts/614/](https://www.softschools.com/facts/plants/walnut_tree_facts/614/)

