

# FIRST GRADE SCIENCE PROJECT – WEEK 1

First grade students will be learning about plants and animals this spring. To support our learning, we've created a project to help jump start our knowledge. This project will focus on animals whose habitats have been negatively impacted by human interactions. Students have to design a new habitat for an animal they've selected, and make sure the habitat includes all the things the animal needs in order to survive.

DAY OF THE WEEK	TASK	RESOURCE(S)
Monday	<p>Start by reading/listening to The Lorax. Questions to ask during/after the story:</p> <p>What do you notice about the habitat?            What's causing this to happen?            What could we do instead?            What happened at the beginning of the story?            What happened in the middle of the story?            What happened at the end of the story?</p>	<p>The Lorax Read Aloud  <a href="https://www.youtube.com/watch?v=EdWesdMfyd4">https://www.youtube.com/watch?v=EdWesdMfyd4</a></p>
Tuesday	<p>Discuss animals and think about things they need in order to survive.</p> <p>What do you think animals need in order to survive?            What are some things that might destruct an animal habitat?</p>	<p>Here's a video on basic needs of animals:  <a href="https://www.youtube.com/watch?v=k4UDf3tFQ4">https://www.youtube.com/watch?v=k4UDf3tFQ4</a></p> <p>Here's a video on animal habitats:  <a href="https://www.youtube.com/watch?v=Xj1ASC-Tlsl">https://www.youtube.com/watch?v=Xj1ASC-Tlsl</a></p>
Wednesday	<p>Discuss how humans can have a negative impact on animals and their habitats.</p> <p>What do we do that might not be good for animals and their habitats?            What can we do to help animals and their habitats?</p>	<p>Here are two links for more about habitat destruction for kids:  <a href="https://kids.nationalgeographic.com/explore/science/habitat-destruction/">https://kids.nationalgeographic.com/explore/science/habitat-destruction/</a>  <a href="https://kids.nationalgeographic.com/explore/nature/save-the-earth-hub/13-ways-to-save-the-earth-from-habitat-destruction/">https://kids.nationalgeographic.com/explore/nature/save-the-earth-hub/13-ways-to-save-the-earth-from-habitat-destruction/</a></p>
Thursday	<p>Discuss different animals and habitats and choose an animal to design a habitat for.</p>	<p>Here's a video on the different animal habitats:  <a href="https://www.youtube.com/watch?v=UkzKESSE6-w">https://www.youtube.com/watch?v=UkzKESSE6-w</a></p>
Friday	<p>Once an animal has been chosen, research what that animals needs in their habitat in order to survive.</p>	<p>Kid Search Engines:  <a href="https://www.kiddle.co/">https://www.kiddle.co/</a>  <a href="http://www.kidtopia.info/">http://www.kidtopia.info/</a></p>

# FIRST GRADE SCIENCE PROJECT – WEEK 2

DAY OF THE WEEK	TASK	RESOURCE(S)
Monday	Start putting your project together – Using the resources you have, design a new habitat for your animal. Make sure to include their needs in order to survive. What plants are in your animal's habitat, what shelter and food will the animal need in their habitat in order to survive? (Students can create a diorama of their animals habitat, a poster, a video, or a digital presentation.	
Tuesday	Start putting your project together – Using the resources you have, design a new habitat for your animal. Make sure to include their needs in order to survive. What plants are in your animal's habitat, what shelter and food will the animal need in their habitat in order to survive? (Students can create a diorama of their animals habitat, a poster, a video, or a digital presentation.	
Wednesday	Start putting your project together – Using the resources you have, design a new habitat for your animal. Make sure to include their needs in order to survive. What plants are in your animal's habitat, what shelter and food will the animal need in their habitat in order to survive? (Students can create a diorama of their animals habitat, a poster, a video, or a digital presentation.	
Thursday	Start putting your project together – Using the resources you have, design a new habitat for your animal. Make sure to include their needs in order to survive. What plants are in your animal's habitat, what shelter and food will the animal need in their habitat in order to survive? (Students can create a diorama of their animals habitat, a poster, a video, or a digital presentation.	
Friday	Students will write a persuasive writing. The purpose of this writing is to persuade others to be mindful of the environment. Students need to make sure they include suggestions on how we can take better care of animal habitats and why it is important.	

# FIRST GRADE SCIENCE PROJECT RUBRIC

**Project:** The student will design an animal habitat. The habitat must include the animal's shelter, water, food supply, and plants.

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Accuracy	Project is very accurate and shows the animal's shelter and water and food supply.	Project is missing one component.	Project is missing two components.	Project is missing three components or more.
Creativity	Student used available materials to design an animal habitat that was very creative.	Student designed a creative animal habitat.	The student could have put forth more effort in creating the diorama.	The student did not use available materials to construct a creative diorama.
Presentation	The student presented his/her project to the class and accurately explained the animal's habitat and what we can do to keep the animal and their habitat safe.	The student presented his/her project to the class but could have explained the animal's habitat and what we can do to keep the animal and their habitat safe more.	The student presented his/her project to the class but did not explain the habitat and what we can do to keep the animal and their habitat safe.	The student did not present his/her project.
Neatness	Project is very neat.	Project is neat.	Project has stray marks/obvious mistakes.	Project is messy.