Lesson Plan: Trail Blazing

Subject: Social Sciences/Human Sciences/Technology

Grade Level: Middle School (Grades 6-8)

Duration: (2-3 class periods)

Objectives:

- Students will learn about human impacts on local habitats
- Students will create a digital “trail” that is built to respect the habitats of wildlife in that local area

1. Introduction to human impacts in nature (15 minutes)
   - Review habitats (use slide 2)
   - Explain how human activities can negatively affect nature trails and how it harms wildlife (use slide 3)

2. Plan and Create (40 minutes)
   - Plan: Students will pick a medium for their “trail” (minecraft, legos, etc.)
     Students will need to plan a design and use 2-3 reasons for making decisions in their build (use slide 4)
   - Create: Students will create a trail that reduces human impact and protects the habitats of wildlife
# Planning Sheet

**How are you building your trail?**

- Minecraft
- Legos
- Ozobots
- Other:________

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<th>Elements</th>
<th>Reasons</th>
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<td>Element 1</td>
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<td>Element 3</td>
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Elements: What and How you are building your trail

Reasons: What are you protecting? How are you helping keep habitats safe?
3. Presentation (60 minutes)
Students will present to their class the trail they designed

Resources:

[Google lesson slides](https://earthday.org) by EARTHDAY.ORG *(make a copy)*