

Situation

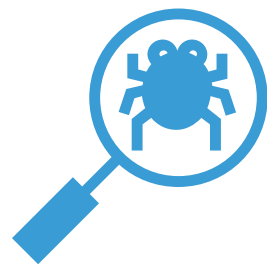
"Creat-ure" own bug with new body adaptations using household items!

Problem & Career Focus

Your team of bug and habitat enthusiasts have stumbled across a new habitat on Earth that is crawling, flying, and creeping with new life! You have discovered a new creature that dwells in this area. You can't bring a live specimen back to your lab (since it would die if it leaves it's natural habiat), so your team must create a replica to study.

Things to Consider

1. What is the climate in this new habitat?
2. How did this new creature survive in the habitat?
3. How does this creature move around? What does it eat? What's it's life cycle?



STEM Ahoy! CREAT-ure Own Bug Engineering Design Challenge

Criteria:

Can you use household items to design a new creature?!

Materials:

- Suggested Items:
- * Model Magic/ Play Dough/ Legos
 - * Pipe Cleaners
 - * Tape/ Hot Glue
 - * Feathers
 - * Empty Toilet Paper Rolls
 - * Macaroni Noodles
 - * String
 - * Tissue Paper
 - * Any household item!
 - * Your Imagination!



Constraints:

- Determine which materials to use.
- Work as a family engineering team!
- * Create your own criteria!

Investigating Questions:

What parts of your creature are similar on one that has already been discovered (ex: wings of a butterfly)

How does adaptations of the creature help it survive in it's habitat?

How is this creature different than others?

Educational Standards Correlations

Language Arts, Engineering, Science, Social Studies, Geography

