

**Design a New Forelimb**

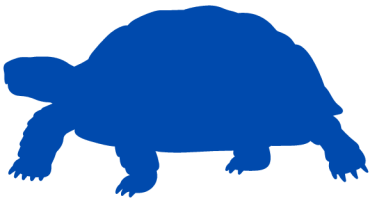
Use what you’ve observed about shared forelimb bones to design a new animal limb that serves a specific function.

**Instructions**

- 1. Use the Your Inner Forms app to explore the different animal forelimbs.
- 2. Pay attention to:
  - Which bones remain consistent across different animals.
  - How the length and proportions of the bones change.
  - Which bones, if any, have fused together.
- 3. Imagine a new animal that does not currently exist.

**Drawing Constraints:**

- Use the same basic set of bones that you observed in the animals.
- You may modify the bones by:
  - Lengthening them.
  - Shortening them.
  - Fusing them.
  - Changing their overall proportions.
- You may not invent new bones.
- Label and color each bone or group



**Written Reflection**

Answer all of the following questions in a single paragraph. Encourage clear reasoning, not "because it's cool."

- What function does this limb serve? (e.g., swimming, digging, flying, climbing, grasping)
- How does the shape of the bones support this function?
- Why would this design be favored by evolution over time?