

**Devon Preparatory School**  
**Organismal Biology**  
**Molecular Biology**  
**Summer Assignment 2020**

Success in any science course requires a strong foundation in scientific thinking. The purpose of these assignments is to practice thinking like a scientist! The following assignments will provide you with video explanations, website tutorials and opportunities to explain your thinking. We recommend completing them in the order below, as each skill builds upon the next. You will not be penalized for incorrect responses, but 80% or greater is recommended to ensure comprehension. All assignments marked with a ✓ are required. Your teachers will be able to view your work on each assignment marked with a ✓ as you complete it. The website tutorials are recommended, but not required. All time estimates include the optional website tutorials. This assignment is valued at 20 points in Quarter 1.

**Begin by joining our Edpuzzle class with this [link](#) and enter your full name.**

1. Science Skill 1: Scientific thinking (Approximate Time - 20 minutes)
  - ✓ Complete Video in Edpuzzle: Scientific Method
  - ✓ Complete Video in Edpuzzle: How Science Works
  
2. Science Skill 2: Lab techniques (Approximate Time - 30 minutes)
  - ✓ Complete Video in Edpuzzle: Why the metric system matters
  - ✓ Complete Video in Edpuzzle: Introduction to the metric system.
  - [Website Tutorial](#): Can you identify the lab equipment from an image?
  
3. Science Skill 3: Graphing (Approximate Time - 20 minutes)
  - ✓ Complete Video in Edpuzzle: Create graphs in Science
  - [Website Tutorial](#): Practice interpreting graphs
  
4. Science Skill 4: Experimental Procedures (Approximate Time - 90 minutes)
  - [Website Tutorial](#): Practice a controlled experiment
  - ✓ Complete assignment in Nearpod with this [link](#) and enter your full name

Contact your teachers with any questions!

Organismal Biology - Mrs. Nicole Botta - [nbotta@devonprep.com](mailto:nbotta@devonprep.com)

Molecular Biology - Mrs. Melanie Kingett - [mkingett@devonprep.com](mailto:mkingett@devonprep.com)