



SfS Away from the Classroom!

SCIENCE
FROM SCIENTISTS

AP10: Frog Dissection (Recommended for Grades 5-8)

Please use the following resources to learn about frog anatomy

Watch these Videos:

<https://www.youtube.com/watch?v=u-LqS5AVRio> and <https://www.youtube.com/watch?v=bOJyhk4QZvc>

Answer these questions:

- What are some external structures we share with frogs?
- What are some internal structures we share with frogs?
- Can you identify a group of organs that might work together in the same organ system?

Activities:

You will need: paper and a pencil

1. Go to [Virtual Frog Dissection](#) from McGraw-Hill. The software requires Adobe flash
2. Click “Laboratory exercise” on the left hand side
3. Start with “Introduction” for an overview of why we dissect frogs and the different tools used to do so
4. When finished with the introduction, return to the menu and select “External anatomy”
5. After viewing the external anatomy, return to the menu to begin your virtual dissection by selecting “Internal Anatomy”
6. As you observe each organ, draw it on a separate sheet of paper with as much detail as possible. When drawing your organs, group them in their organ systems based on how they work together.

Make observations & use Claims, Evidence, and Reasoning!

1. **Claim:** Humans and frogs have many anatomical features in common.
 - **Evidence:**

 - **Reasoning:**
2. **Claim:** Organs work together as a system to perform important functions in the body.
 - **Evidence:**

 - **Reasoning:**

