

Virtual Frog Dissection

Lesson Plan B- Virtual or hybrid learning, taking place through a remote conferencing system and with students working at their own pace in their home, office, or classroom. Students are fully virtual and therefore do not have the choice to dissect the preserved frog specimen.

- **Lesson Overview:** Students will complete a frog dissection using the virtual frog dissection lab from ‘The Biology Corner’

(<https://www.biologycorner.com/2021/03/31/frog-dissection-virtual-for-remote-learners/>).

Virtual students will also complete a lab guide (pre-lab and post-lab write-ups) and end of unit quiz. Advanced students (Honors courses or Advanced Placement) will complete a PowerPoint, Prezi, iMovie, or other presentation of their learning to present to their peers analyzing the learning method they chose and which tools they believed increased their learning and achievement.

- **Materials:**

- Google Survey
- Pencil or other writing utensil
- Lab guide-paper copy OR virtual copy from Canvas LMS
- Computer, tablet, iPad, or laptop
- High speed internet connectivity
- Subscription and login information for virtual frog dissection (The Biology Corner,

<https://www.biologycorner.com/2021/03/31/frog-dissection-virtual-for-remote-learners/>)

- **Procedure:**

- Students will complete the pre-lab survey using Google docs. Teacher will compile the answers of student learning, preferences, and use the information to apply to future lessons.
- Students will participate in the virtual frog dissection, using the lab guide as their main resource, to dissect a frog independently at their own pace.
- Students will submit the virtual frog dissection packet to the teacher through Canvas or other LMS
- Students will complete lab overview and quiz on canvas
- Advanced students will complete a PowerPoint, Prezi, iMovie, or other presentation of their learning to present to their peers analyzing the learning method they chose and which tools they believed increased their learning and achievement.

- **Deliverables:**

- Completed survey
- Completed lab/lab guide
- Completed quiz
- Advanced Students: Completed Presentations