Frog Dissection Lab Lesson Plan

Grade Level & Subject Area: 5th Grade Science

Standards/Framework (Common Core, NAEYC, Mid-level ....):

Arkansas Science Frameworks:
LS.2.6.6 Dissect organs, including but not limited to:
• heart
• eye
• lung
• stem
• root

Theme/Series of Lessons:
N/A

Time:
This is a two day 50 minute lab

What do the students already know? (This could be the Intro or they have learned information before starting this lesson):
The students already know a little bit about the major organs of the body (structure and function of heart, eye, lung).

Objective (What are the students’ going to accomplish):
In this lab, students will be able to dissect a frog and properly remove the eye, heart, and lungs and label them correctly.

Materials:
One dead frog for each student (or enough for each group if using as a group lab), dissection tools, iPad, Projector/Elmo, Pencil, Paper, Kid Science: Frog Dissection App
Procedure:

To begin the lesson, students will need to go to the science lab. The teacher should set up dissection stations with a frog and necessary dissection tool prior to the students’ entry into the lab. Instruct students not to touch anything until given further instructions. Review the structure and function of the eye, heart, and lung and inform students that they will be dissecting a frog to remove those parts. Place iPad on ELMO projector so that the entire class can see what is playing. Open the Frog Dissection App. Have the students first watch the section for removing the eye. After watching it, replay the video and have the students follow along and remove the eye of their frog. Repeat for heart and lungs. Have students place organs on a tray or a piece of paper and properly label each part.

Assessment (How will the students’ show you that the objective has been met):

The students will be monitored throughout the lab and will receive points based on accuracy of their organ labels as well as participation points.

A Brief Description Of The Entire Lesson - Plus Any Additional Information to be Included:

This lesson starts in the science lab. Dissection stations should be set up prior to the students entering the lab. As the students enter the lab, instruct them not to touch anything until given further instructions. Review the structure and function of the eye, heart, and lungs. Inform students that they will be dissecting a frog to remove those parts. Place iPad on ELMO projector so that the entire class can see the videos in the app. Open the Frog Dissection App. Have the students first watch the video for removing the eye. After watching it, replay the video and have the students follow along and remove the eye of their frog as shown in the video. Repeat for the heart and lungs. Have students place organs on a tray or a piece of paper and properly label each part.

(I should be able to see and understand your entire lesson by reading this. Remember, Technology is not the lesson. It enhances the lesson)