

Internet PowerPoint Activity Lesson Plan

Subject: Science / Technology

Objectives: The students will understand the functions of the internal organs in frogs and also understand the importance and meaningful learning opportunities of virtual internet activities.

Activity: Go through interactive powerpoint and learn about different organs in frogs. Students will get a chance to dissect a virtual frog following the link in the PowerPoint. Students will also be able to test their understanding by taking the Frog Jeopardy quiz.

Standards:

All students will analyze how parts of living things are adapted to carry out specific functions:

4. Explain how selected systems and processes work together in animals.

Key concepts: Systems/Processes—digestion, circulation, respiration, endocrine, reproduction, skeletal, muscular, nervous, excretion, transport, growth, repair.

Real-world contexts: Interrelations of body systems during selected activities, such as among skeletal, muscular, circulatory, and respiratory systems during physical exercise.

Creativity and Innovation

Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Students:

- a. apply existing knowledge to generate new ideas, products, or processes.
- c.. use models and simulations to explore complex systems and issues.

Required Materials:

Computer Lab (Can work with one or a set of computers in a center configuration) , Computers, PowerPoint, Internet access,

Procedures:

- Teacher will show a UnitedStreaming video at beginning of class on frogs.
- Teacher will point out systems in frogs, but allow students to observe, explore, test, and interact with links to learn about frogs' organs
- Students will go through interactive PowerPoint and learn about organs, take a quiz, watch a video clip, take a quiz, and complete a virtual dissection. Students will be covering science standards, as well as, technology standards.
- Students will go to the lab and open up the ppt link and start the interactive lesson. The teacher will point out how to go through the ppt, and allow the students to carry out the activity.
- Once the students begin, the teacher will be a facilitator and make sure students are on task and help with links when necessary.

- 100 – heart 200 – kidneys 300 – bladder 400 – lungs 500 – bile 600 – large intestine
- 700 – skin 800 – stomach / small intestine
- Only issues that may arise are if internet is down, students can still use most of powerpoint
- Another issue may be students not linking to ppt program properly
- Students should finish this in 1 class period, but may carry over into the next day.
- Variations may include partners for those that may need help reading or for different learning styles