

Biology Semester Project

Choice A: Wildlife TV Show – A Single Species

You will create a video covering the classification, physical characteristics and adaptations for one animal SPECIES. You should choose a species you will be able to find and tape easily. Your video must be 5 minutes long if you work by yourself. If you choose to work with a partner for this project, your final video must be 10 minutes long and include approximately 5 minutes of each person (on EITHER 1 or 2 species).

Although some class time will be given to do your work, you will be responsible for budgeting your time outside of classes and finding additional resources. You will find the Internet to be extremely helpful. Make sure you do not wait until the last minute to start and ask for help if you need it. Have fun!

The following must be completed to receive full credit...

- Your presentation is in a format that can be shown in class (VHS or DVD).
- On the video, you provide the audience with an introduction to the classification, physical characteristics and adaptations for one animal species. You must include footage that YOU filmed of the species... not a recorded segment off TV.
- All of the required information is covered in the video. The class should be able to watch your video and understand everything about your species without you there to explain things. Be SURE to get as much information as possible into your video. Use the worksheet on the back to gather the required information.
- Your video must be a minimum of 5 minutes in length and you must be actively describing information about your species for at least 4 minutes. To get the most possible points, you should be onscreen for the entire 5 minutes, ALONG WITH the animal you are describing. There is no penalty for going a few minutes over the 5-minute minimum, but try to keep your videos a reasonable length.... So if you get great footage or funny bloopers after “the cut”, you may add them on at the end!!
- Your video should be entertaining and engaging to watch. This means that you are energetic, and that you know your info. You should not be reading your way through the video and extra points will be given for creativity... like your “host” personality, outfit, music or credits! Have fun with this!

Deadlines...

Topic selection – 5/9, 10 & 11
Class time project work – 5/14 & 5/15
Worksheet due – 5/16 & 5/17
Projects due – 6/4 & 6/5
Presentations – 6/4, 5, 6 & 7

Grading...

Topic Content.....50%
Animal Footage.....25%
Creativity/Audience Appeal...10%
Time Requirements.....15%

Project Worksheet

As you research your topic, you may find that 1 or 2 of the items below do not apply to your project topic... Your goal is to get as much of the following information AS POSSIBLE.

1. What is your species' common name? Scientific name?

2. What phylum is your species in?

3. What other kinds of organisms fall into this phylum?

4. General body characteristics:

External structure... What composes their outer layer?

Do they have any body appendages? If so, what are they?

Internal structure... Describe their internal body systems (ex: digestion).

5. What specialized cells or structures do they have that are unique? Name them and describe what they do.

6. How do they reproduce?

7. What adaptations help them to survive? (Defense mechanism?... Camouflage?... etc.)