

Guidelines for Written Presentation of Spring Field Project

The final written work will use the publisher template provided at school. Note: If you do not own Publisher have your naturalist type text into Word document and transfer it to the template at school via flash drive. Photos can also be saved on the flash drive in .jpeg format and inserted into the template at school.

1. Introduction

Length – 75-125 words

Information - Why did you choose this topic?

What did you hope to learn?

2. Background Information

Length – 500 – 700 words

Information - From your book and Internet research, what did you learn about your topic? The following descriptions should help provide guidance.

NOTE: If you met with a specialist in your field, include at least one paragraph about what you did and learned.

- € ABIOTIC - Include: Specific information about what pH, dissolved oxygen, turbidity, and temperature mean, how each is determined or tested, and their acceptable levels for a healthy pond.
- € POND ORGANISMS - Include: Specific information about species observed, the various types of aquatic organisms, how they are classified, type of food, size, life cycle, where they live in the pond and their role in the aquatic food chain.
- € BLACK FOREST ANIMAL SIGNS - Include: Specific information about the different types of animal signs people can look for and methods which can be used to collect and document animal signs.
- € BLACK FOREST BIRD BEHAVIOR AND CHARACTERISTICS - Include: Specific information about bird anatomy, species observed, size, color, food, nest type, migration, etc.
- € BLACK FOREST SOIL STUDIES - Include: Specific information about soil, soil forming factors (including erosion), soil profiles and horizons, and scientific tools used for investigating soils.
- € BLACK FOREST TERRESTRIAL INVERTEBRATES - Include: Specific information about the various types of terrestrial organisms, how they are classified, type of food, size, habitat, and life cycles including kinds of metamorphosis.
- € BLACK FOREST WEATHER - Include: Specific information about what weather is, different kinds of weather instruments, types of weather common to the Pikes Peak region, and what weather forecasters (meteorologists) do.
- € BLACK FOREST BOTANY AND GARDENING - Include: Specific information about what plants are, kinds of plants, and growing needs. Gardening information like soil requirements, composting, seasonal planting, extending growing seasons, germination procedures and transplanting.
- € ENVIRONMENTAL REPORTER - Include: Specific information about the 640 acre section 16, the dominant ecosystem, and various habitats. Report on each Spring Field Project research group's investigations and overall findings.
- € BLACK FOREST PONDEROSA PINES - Include: Specific information about ponderosa pines, dendrochronology, measurement equipment, healthy versus unhealthy ponderosa forests, role of prescribed burns in forest health, and diseases which affect ponderosa trees.

3. Field Work

Length – 225 – 325 words

Information - What were you hoping to learn by doing your field work?

What specifically did you do when you were out?

Where did you do your field work?

What type of equipment did you use?

How often, and for how much total time did you go out?

4. Conclusion

Length – 175 – 225 words

Information - What did you learn from your field work?

Did you find out what you hoped you would learn?

What resources (books, Internet, equipment) did you use that were most helpful?

How did you feel about doing this project? What did you enjoy most and why?

5. Resources

Minimum resources - six

Information - Must include at least three books and three web sites

6. Attachments

Data Sheets from all field work sessions

DUE DATE _____