

## CONCEPTUAL

### WORLDVIEW

In this model of knowledge, we want to raise awareness of the environmental situation. Through meaningful learning, students will gain knowledge about the environment of the biosphere in Poland.

They will acquire a better understanding of the natural elements that can be found in the Ptasi Raj nature reserve.

### PHILOSOPHY

The philosophy that we are going to use in our proposal is:

- Constructivism

### THEORIES

Meaningful Learning:

- Novak
- Ausubel

### PRINCIPLES

- Authentic learning experiences through fulfilling activities.
- Active learning that allows them to create their own knowledge about the biosphere.
- Research through ICT's.
- Develop attitudes to respect nature and living beings.

### CONCEPTS

Fauna, Constructivism, Meaningful learning, ecosystem, biosphere, natural reserve, pollution, air contamination, recycle and experimentation.

## MAIN QUESTIONS

Will students from 5th grade learn about the biosphere of the natural reserve of Stowinski?

Will students learn about the different ecosystems and fauna from the natural reserve?

Will our students learn to be respectful with their environment ?

### EVENTS-OBJECTS

- Carry out and complete the instructional module.
- Research and discover.
- Excursion

## METHODOLOGICAL

### VALUE JUDGEMENTS

With this proposal, our students will acquire knowledge related to the specific reserve in Poland. Moreover, they will be able to use this knowledge for future situations practically in their everyday lives. Protecting the survival of wildlife and the biosphere itself.

### KNOWLEDGE JUDGEMENTS

They will learn about the biosphere of "Stowinski" natural reserve and its fauna. Also, they will gain awareness of the pollution in Poland and how to be respectful with the environment. We have chosen this natural reserve due to how close it is from our school, as well as the diversity of species and ecosystems.

### TRANSFORMATIONS

Concept maps, pictures.

### REGISTERS

Drawings and pictures

