

## CONCEPTUAL

### WORLDVIEW

Through engaging in experimentation and embracing active learning, the students enrolled in the 3th course of Primary Education at the "Tewantin" state school, will have the opportunity to gain knowledge about the "Sunshine Coast" Biosphere Reserve of Australia. This educational experience will provide them with an understanding of the biosphere itself, its diverse ecosystems, the wildlife thriving within it, and its heritage.

### PHILOSOPHY

Our proposal will be based on the underlying philosophy of constructivism, which will serve as our guiding principle. This philosophy emphasizes the role of learners as active participants in the learning process.

### THEORIES

Meaningful learning is the main theory of our proposal.

- Ausubel
- Novak

### PRINCIPLES

- Active learning and participation of students.
- Promoting respectful attitudes towards the environment.
- Use the student's background knowledge to carry out the learning process.
- Catering for pupil's diversity.

### CONCEPTS

Biosphere reserve, collaboration, environment, fauna, flora, heritage, motivation, critical thinking, experimentation.

## MAIN QUESTIONS

- Will our 3rd graders learn actively and in a critical way about the "Sunshine Coast" biosphere, its fauna, flora and ecosystems?
- What fauna and flora can we find in the Sunshine Coast biosphere reserve?
- Will students change habits after carrying out this didactic unit?
- Will they learn the different animals that live in this biosphere?
- What consequences can happen if we not conserve our environment?
- Will students learn about our natural heritage?
- What can we do to conserve our heritage?
- What is a biosphere reserve?
- What is heritage?

### EVENTS-OBJECTS

- Visit the Sunshine Coast biosphere reserve
- Make handicrafts
- Hold discussions
- Make an audiovisual presentation
- Use different and varied resources
- Elaborate an instructional model

## METHODOLOGICAL

### VALUE JUDGEMENTS

We believe that we have offered valuable opportunities for students, specifically targeting those in the 3rd grade of Primary Education, to actively participate in constructing their own knowledge, which will serve as a strong motivation for them. Moreover, these experiences will foster their awareness of the environment, cultivating a respectful attitude towards their surroundings.

### KNOWLEDGE JUDGEMENTS

We believe that the "Sunshine Coast" biosphere is an ideal setting for students to explore the environment, the heritage, and the wildlife, not only due to its proximity to the school but also because of its wide range of species and ecosystems. The children will develop a deep appreciation for the biosphere and recognize its abundant resources.

### TRANSFORMATIONS

- Concept maps
- Students' presentations
- Self-assessment, co-evaluation and evaluation rubrics
- Students' trees

### REGISTRIES

- Observe students during activities.
- Observe students' completed work.
- Evaluate the student's participation.
- Observe how each child plants its own tree.
- Observe if students put all the trash in the right containers.