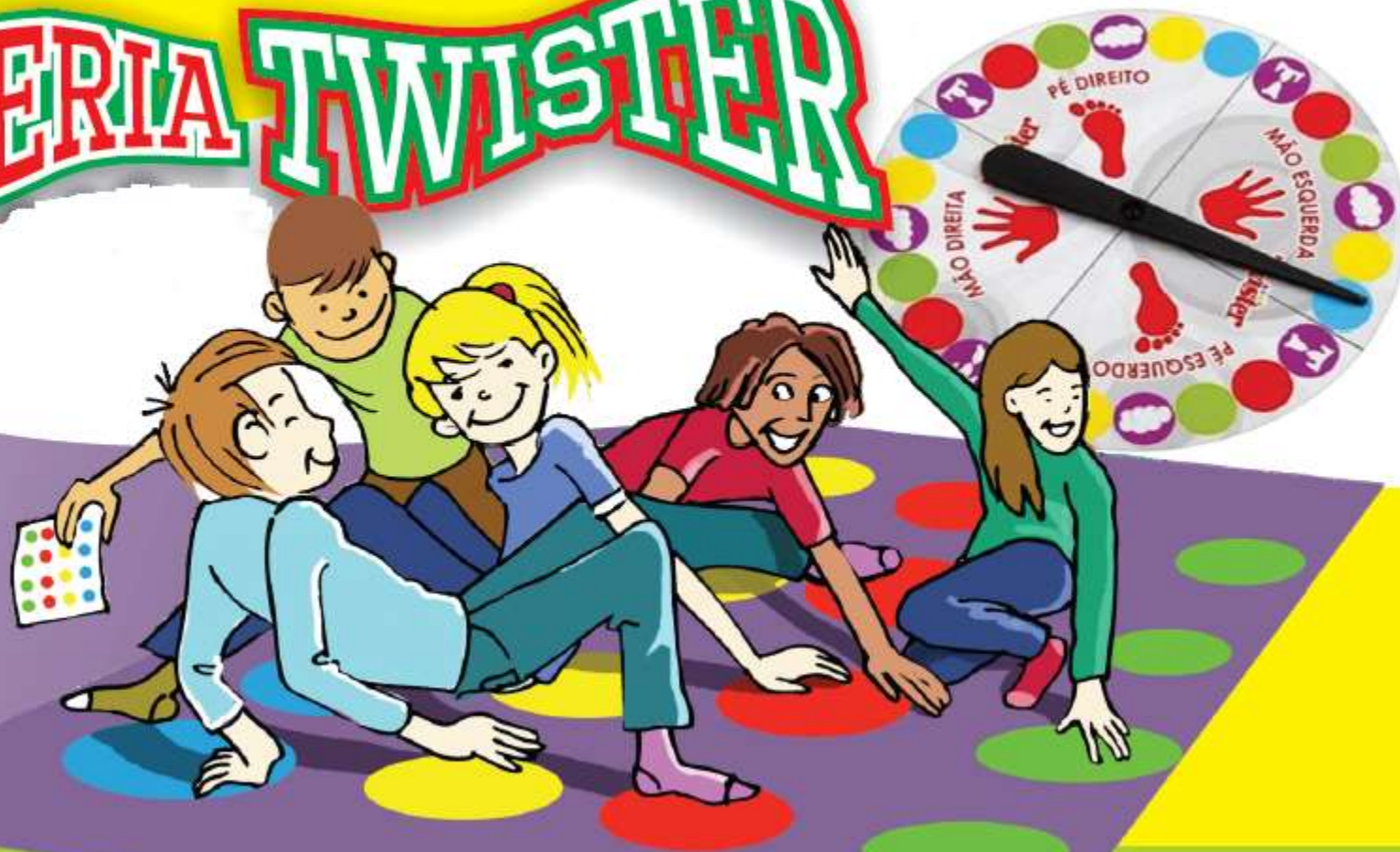


VEGIERIA TWISTER



JAGUARA



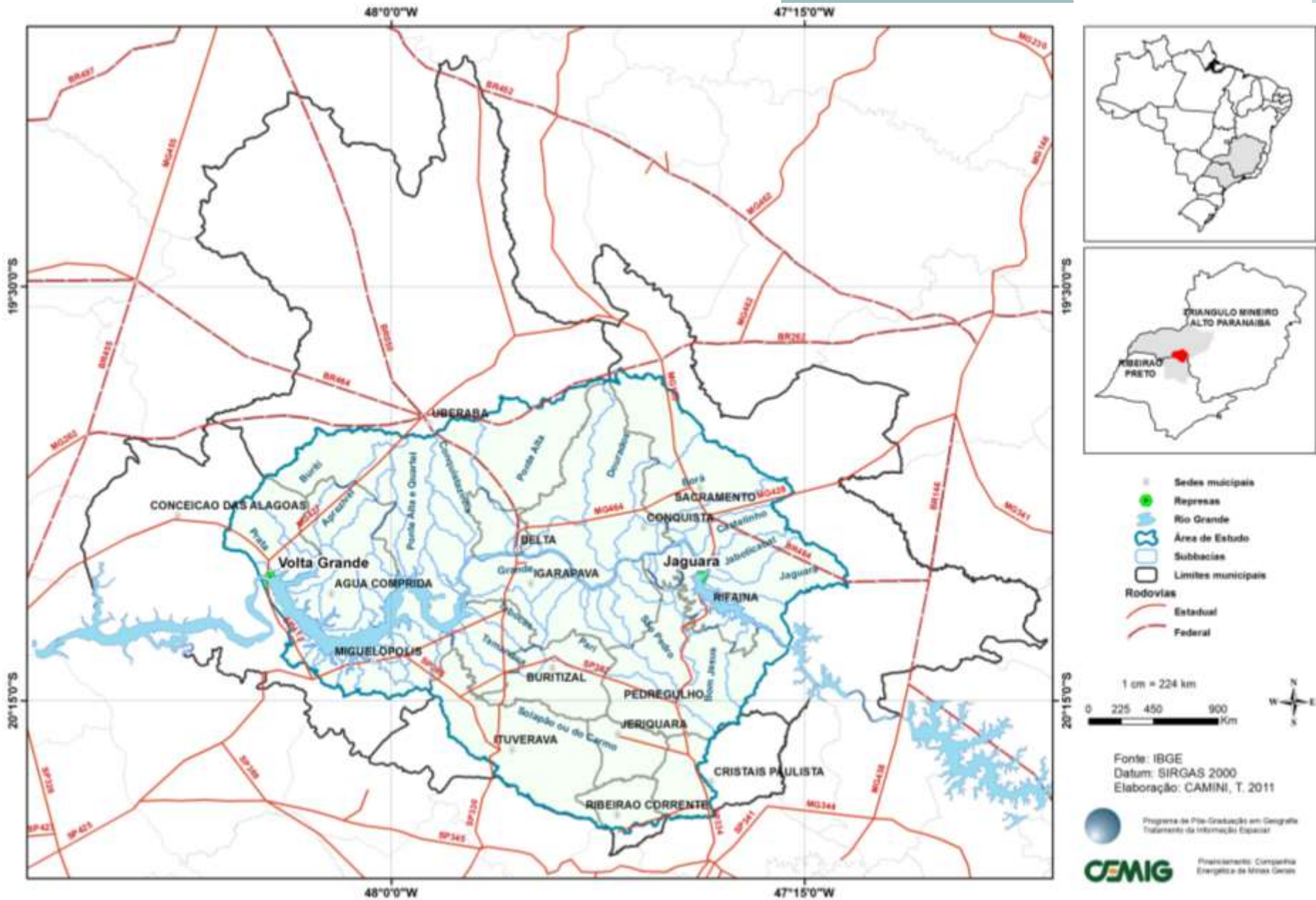
VOLTA GRANDE



IGARAPAVA



Source : CEMIG



Some characteristics of reservoirs studied

	Jaguara	Volta Grande	Igarapava
Operation start	1971	1974	1999
Generation (MW)	424	380	210
Area (km²)	33	198	36,5
Share of (m)	580	494,6	512
Volume (m³)	1,10 x 10 ⁺⁰⁸	2,30 x 10 ⁺¹⁰	2,34 x 10 ⁺⁰⁸
Water discharge (m³/s)	802,41	1000	900





Cyanobacteria



Golden Mussel



waterweed



Hyacinth



Brachiaria

An environmental education program was designed to clarify the local population on the water quality and the region's problems.



Topics

Diseases transmitted by water

What is cyanobacteria?

What is phytoplankton?

What is zooplankton?

What it is zoobenthos?

What is the golden mussel?

What are aquatic plants?

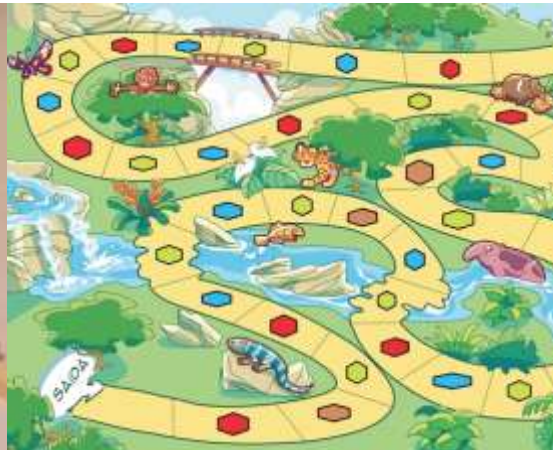


To each topic was developed:

Didactic sequence

Booklet

Didactic Game





T E S T



Antoni Zabala (1998) created the term “didactic sequence” to refer to an orderly and coordinated series of activities, or a way to link and coordinate the different activities of a teaching unit to achieve certain educational goals.



Didactic sequence

Theme: Aquatic macrophytes

Target Audience: High school students

Goals: promote learning (meaningful learning) factual, conceptual, procedural and attitudinal related to macrophytes knowledge.

Questioning: Brainstorming (Initial evaluation)

Dialogical class

Fixation exercises

Game

Final evaluation

Game

Egeria densa – Brazilian elodea, waterweed - is classified as a macrophyte :

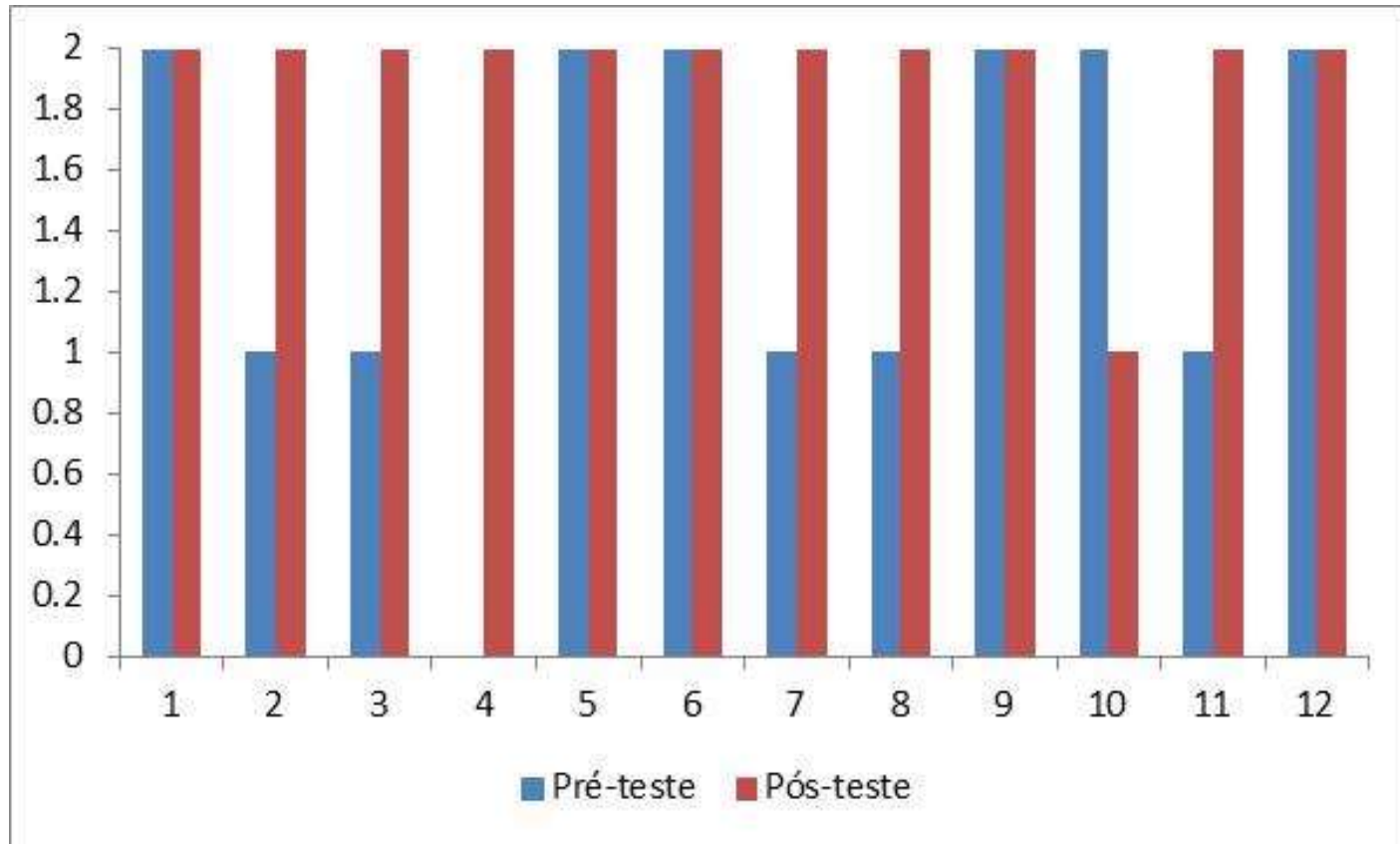
Free floating

Perennial Submersed

Submersed free-floating



Tests results



Some students opinion

- Interesting and efficient, because we have explanation about it.
- Competitiveness stimulates knowledge and is a great way to learning. Also instigate our interest in the subject.
- Interactive, with interesting questions and varied difficulty's level.
- Very dynamic, everybody was interested and learned with this activity.
- Fun and creative, takes the student from a passive situation.
- Well structured and attractive.
- It encourages quick thinking about the knowledge.

Conclusion

Didactic sequence achieved the objectives and awoken the students's interest.





and

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