

WATER ENERGY

Theme: The Energy of Water

Duration: Approximately 40 minutes Field of Experience: Spaces, Times, Quantities, Relations and Transformations.

(EI01ET01) Explorar e descobrir as propriedades de objetos e materiais (odor, cor, sabor, temperatura).

(EI03ET03) Identificar e selecionar fontes de informações, para responder a questões sobre a natureza, seus fenômenos, sua conservação.

ODS 13 – Relacionado o cuidado com a água (Consumir de forma inteligente recursos não-renováveis, como a água).

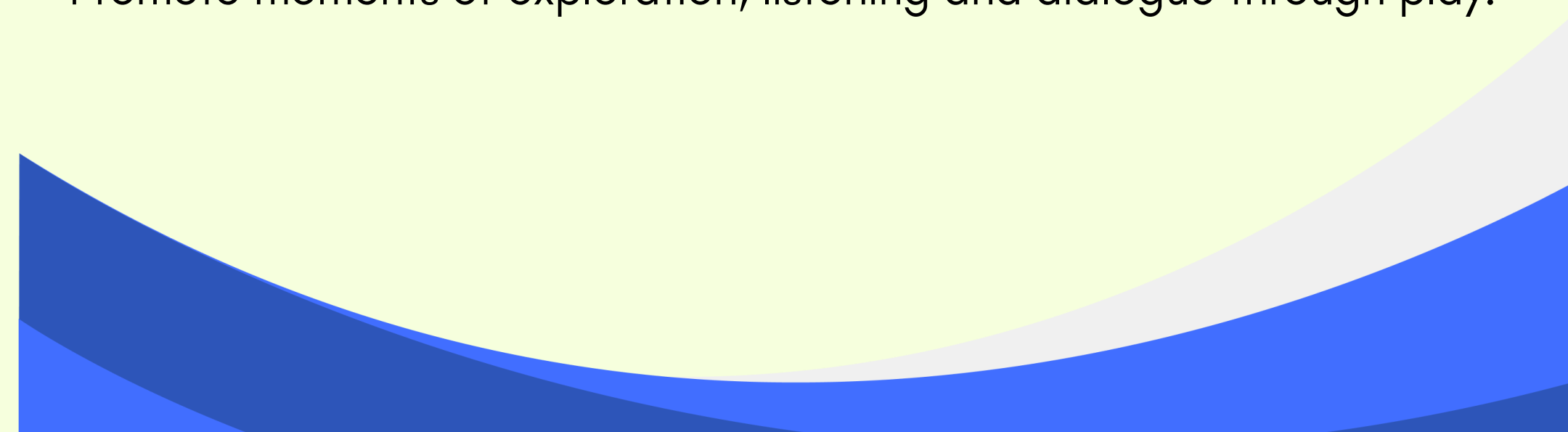
Learning Objectives

Experience, through experimentation, how moving water can generate force.

Stimulate logical reasoning and curiosity in young children.

Observe transformations and cause and effect relationships based on the flow of water.

Promote moments of exploration, listening and dialogue through play.



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1. Experience with water and movement

Set up a space with a shallow basin filled with water.

Provide floating toys (such as lightweight boats, bottle caps, or small plastic toys).

Proposal: Encourage children to blow or push water with their hands, observing how objects move with the force of the water.



2. Playing with the flow of water

Build a simple circuit using cut bottles, funnels, tubes, PVC pipes and pots to channel and direct the water.

Proposal: Children pour water from one container to another, observing the path, speed and changes in movement.

INSPIRATIONS...



CHATGPT



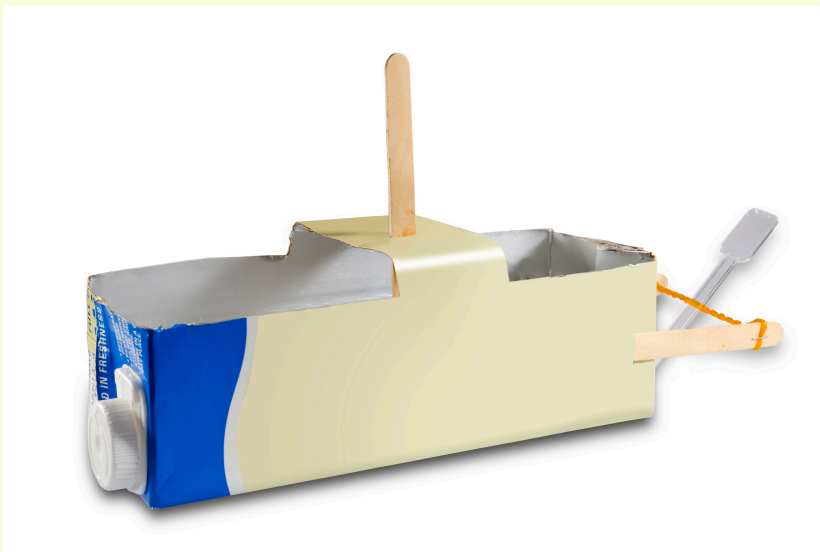
FrugalFun4Boys.

PINTEREST: KAITLINJUDE

WATER ENERGY

Possible expansion of the proposal

Creation of boats with reusable materials (caps, sticks, cardboard, among others), reinforcing environmental awareness and the reuse of materials.



Assessment

Track and record:

Children's curiosity and involvement in explorations.

The initiative to observe, repeat or modify what was done.

Attempts to communicate findings or ask questions (verbally or with gestures).