

# CLIMATE PROJECT - PLANNING SHEET

**Title:** The Tree of the Future

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**Age:** 7-11

**Content:**

In this activity, children learn how trees are essential for reducing CO<sub>2</sub> and combating the climate crisis. They create a "Tree of the Future" from recycled materials, adding paper leaves with personal actions and pledges to help the environment.

Trees help to reduce carbon dioxide (CO<sub>2</sub>) in the atmosphere by absorbing CO<sub>2</sub> during photosynthesis and storing it as biomass, thus acting as natural carbon sinks to the atmosphere.

**Development goals:**

- Self-competence: Children reflect on their actions and learn how they can contribute to CO<sub>2</sub> reduction, feeling like part of the solution.
- Factual-competence: Learn the role of plants in absorbing CO<sub>2</sub> and keeping the environment healthy.
- Social skills: Collaborate to build the tree, discussing ideas for sustainable actions to write on the leaves.
- Methodological-competence: Apply critical thinking to reflect on daily actions, exploring concrete and replicable solutions.

**Planning:**

- Introduction (30 minutes): Discussion on how trees help combat climate change by absorbing CO<sub>2</sub>.
- Tree Construction (1 hour): Children create a tree from recycled materials (cardboard, bottles) and make paper leaves.
- Actions and Promises (30 minutes): Each child writes personal actions they can take to help the environment on a leaf and attaches it to the tree.
- Final Discussion (5 minutes each): Share their pledges and reflect on how small gestures can make a big difference.

**Resources:**

- Cardboard
- Recycled materials (plastic bottles, etc.)
- Colored paper for the leaves or real leaves
- Markers
- Scissors
- Glue
- List of sustainable actions

**Feedback:**

Positive: The activity encouraged children to reflect on personal actions, creating a collaborative and participatory atmosphere.  
Suggestion: Some children needed help coming up with ideas to write on the leaves; an initial brainstorming session could facilitate the process.  
Needed: Provide a brief list of sustainable actions to help children develop meaningful promises.