

# Sensorial experiment

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## Overall aims:

- Engage with nature;
- Stimulate language;
- Stimulate imagination;
- Emphasize with nature;
- Develop the ability to observe;
- Develop the ability to listen;
- Make and test hypothesis.

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## Vocabulary – keywords:

Nature, sensations, experiment.

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## Sustainable abilities developed:

- Systematic thinking;
- Normative competency;
- Self-awareness competency;
- Integrated problem solving.

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## Pillars of sustainability included:

- Environmental sustainability;
- Social sustainability.

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## STEAM domains:

- Science;
- Art.

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## Teaching methodologies/activity outline:

### Activities:

**1. Sight.** Prepare a range of different colored tokens. Provide each child with a different colored token and challenge them to find a match in nature. Evaluate which colors were easiest and hardest to match and why (e.g., maybe some colors are easier/hardest to find



during autumn).

**2. Touch.** Provide small groups of children with a six-egg box and challenge them to find 6 materials that all feel different to place in each compartment.

**3. Hearing.** Children sit quietly outside with an open hand. They can close their hand whenever they hear a sound, thus capturing the sound. Ask the children to reproduce the sound they have captured and let it go back to nature.

**4. Smell.** Provide small groups of children with a pot of water and a stick and challenge them to create a fragrance using the materials they find, thus inventing a fragrance that smells like autumn.

**Before the experiment:**

1. Foresee a lesson by which children build the colored tokens.
2. Then, ask pupils to take schools the egg boxes.

**During the experiment:**

The teacher will guide them during the activity, but pupils should be free to find a solution through their imagination.

## 7 Expected learning outcomes:

**The child will be able to:**

- Follow instructions;
- Participate in the experiment;
- Develop fine and gross motor skills;
- Develop senses;
- Engage with nature.

## 8 Assessment:

- **Initial evaluation:** assessing what pupils already know about the general concepts (e.g., the senses);
- **Middle evaluation:** assessing what pupils are learning during the experiment;
- **Final evaluation:** assess, through systematic observation, whether pupils reached the goals.

## 9 Equipment and materials to be used in learning unit (tools, ingredients etc):

Paper, scissors, and colours to make tokens; egg boxes



**10****Kind of setting - lab, kitchen, outdoor etc:**

Outdoor.

**11****References - source:**<https://www.ltl.org.uk/resources/sensory-inspiration/>

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