

Air Pollution

1	Overall aims: <ul style="list-style-type: none"> • Teach kids how to be eco-friendly. • Help kids to understand that there is more in the atmosphere than just air. • Help kids to understand why it's important to keep the atmosphere clean.
2	Vocabulary - keywords Pollution, air, atmosphere.
3	Sustainable abilities developed <ul style="list-style-type: none"> • Respect the environment. • Engaging with nature. • Strengthen the relationship with the environment, with resources and with the natural and diversities of the environment.
4	Pillars of sustainability included <ul style="list-style-type: none"> • Environmental sustainability.
5	STEAM domains <ul style="list-style-type: none"> • Thoughtful thinking • Learning to learn • Initiative and autonomous thinking • Self-directed learning
6	Teaching methodologies/activity outline <p>Spread petroleum jelly on the plate or cup and then use a rock or other heavy object to weigh it down. We used the clear plastic front from a picture frame.</p> <p>Take a before picture and leave the cup outside for twenty-four hours. The next day, place the white paper behind the plate or inside the cup to make it easier to see all the particles that have collected in the petroleum jelly.</p>





7 Expected learning outcomes

The child will be able to:

- Follow instructions.
- Learn there is more in the atmosphere than just air.
- Understand why it's important to keep the atmosphere clean.

8 Assessment

Assessing what pupils are learning during the activity.

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

- A piece of clear plastic
- Petroleum jelly
- A small rock
- A sheet of white paper

10 Kind of setting - lab, kitchen, outdoor etc.

Outdoor.

11 References - source:

<https://www.tomsofmaine.com/good-matters/thinking-sustainably/4-cool-science-experiments-for-kids-that-teach-sustainability>



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