

Learning Journey: Oxygen

Background and context



Where?	Country	Belgium
	Setting name	Basisschool De Springplank
	Local environment	Urban with high socio-economic differences at the school
	Location within setting	Pre-school & primary school
Who? (Children)	Year group / age of children	5 year olds
	Number of children in class	About 20 children in the class
	Profile of children	Children are used to explore and experiment in the monthly activities
	Grouping	Mixed ability
Who? (Adults)	Number of adults	1 teacher
	Role of adults in the class	Teacher
	Role of lead teacher in school	Pre-primary teacher. She is one of the lead teachers exploring ways to have more creativity in STEM-activities in school.
	Experience of lead teacher	Teaching over 25 years in early years education
	Qualifications of lead teacher	Bachelor level degree and teaching qualification for early years education Experience in teaching in initial teacher training
When?	Time scale of topic described in Curriculum materials	Several activities, spread over 4 days

	Timing in year	Winter
	Frequency	Several activities, spread over 4 days, partly whole class activity, partly in groups of 4
	Lesson timings	± 50 minutes
How?	Organisation of Learning space	Indoor area
	Planning	All the teachers of this school organise at least 1 STEM activity every month
What?	Topic	Oxygen
	Links to national and local guidance	<ul style="list-style-type: none"> - Explore and investigate accurately. - Exploration with all the senses - Being able to look for ways to explore what surprises them - Being able to observe what happens - Being able to link different experiences to each other. - Being able to draw conclusions out of what you see - Being able to communicate and present their experiences to each other.
	Links to school policy	<p>The school supports the implementation of STEM and has cooperated before in several STEM projects. All teachers are following courses in professional development on STEM and organise monthly STEM activities.</p> <p>The school has a new STEM-building with several research areas</p>



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