

MAKE IT OPEN

Open Schooling tools: MOOC and Navigator

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Today's Agenda

- 1 | MOOC and Navigator (15 min).
- 2 | Hands-on activity (20 min).
- 3 | Presentation of activity outcome (10 min).

Make it Open Schooling

Massive Open Online Course

The MOOC

Welcome to the *Make it Open Schooling* MOOC



On this page

[About the course](#)
[Learning objectives](#)
[Prerequisites](#)
[Modules](#)
[Certification](#)
[Course staff](#)
[Behind the course](#)

Modules

- Module 1: Get to Know Open Schooling *opens on 09/01/2023*
- Module 2: Learn More About Open Schooling *opens on 16/01/2023*
- Module 3: Open Schooling and Maker Education *opens on 23/01/2023*
- Module 4: Assess Open Schooling Activities *opens on 30/01/2023*

Course Code	OpenSchooling
Classes Start	Jan 9, 2023
Classes End	Feb 15, 2023
Estimated Effort	4 hours (20h in total)

[Make it Open Schooling | European Schoolnet Academy](#)

The MOOC

▼ Module 1: Get to Know Open Schooling

1.0 Module Introduction

1.1 Why this MOOC?

1.2 What is Open Schooling?

1.3 What is Make it Open?

1.4 Start Brainstorming on Your Open Schooling Learning Scenario

1.5 Rubrics for Self-Assessment

1.6 Module Round-up



The MOOC

▼ Module 2: Learn More About Open Schooling

2.0 Module Introduction

2.1 Open Schooling and Science Education

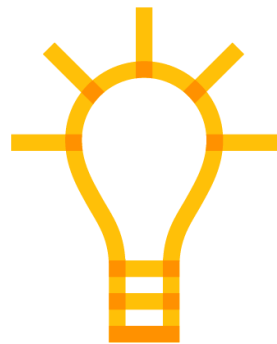
2.2 Make it Open - Information Packs

2.3 Open Schooling Learning Scenario n.2

2.4 Webinar (Thursday, 19 January 17:00 till 18:00 CET)

2.5 The Learning Scenario Step 2

2.6 Module Round-up



The MOOC

▼ Module 3: Open Schooling and Maker Education

3.0 Module Introduction

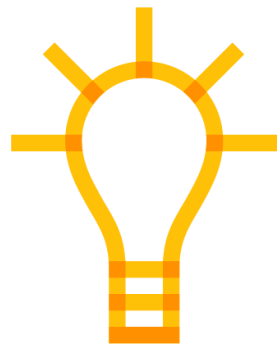
3.1 Inquiry-based learning for science

3.2 Maker education and Maker pedagogy

3.3 Other tools and resources for Open Schooling

3.4 Open Schooling Learning Scenario n.3

3.5 Module Round-up



The MOOC

▼ Module 4: Assess Open Schooling Activities

4.0 Module Introduction

4.1 Types of assessment

4.2 Hear more from your peers

4.3 TeachMeet: present your own Learning Scenarios

4.4 Open Schooling Learning Scenario n.4

4.5 Introduction to Peer Assessment

4.6 Peer Assessment Activity (1 Question)

Peer assessment due Feb 15, 2023 23:59 CET

4.7 Congratulations! What's Next?



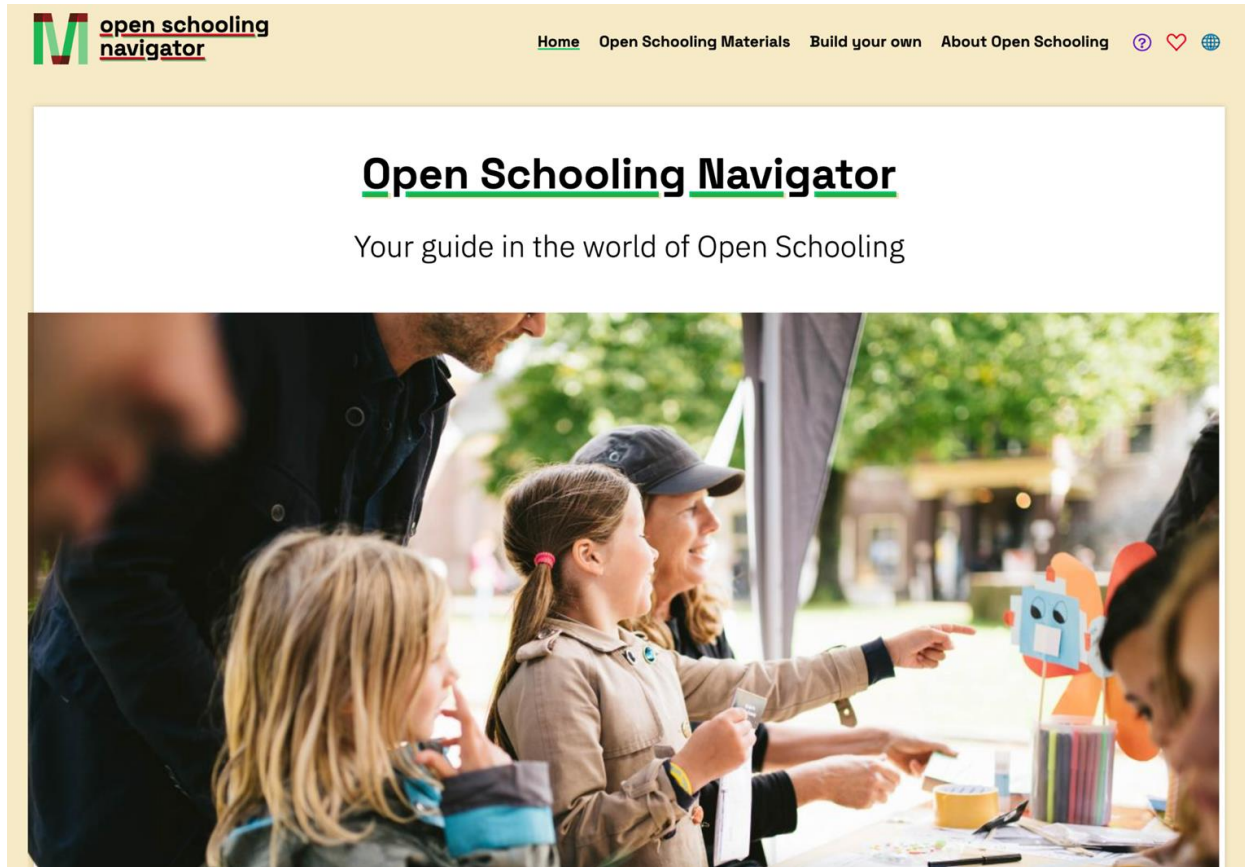
Open Schooling Navigator

The Navigator

A space for educators to to:

- Find lesson plans and be inspired.
- Create Learning Scenarios.

<https://openschoolingnavigator.eu/>



The screenshot shows the homepage of the Open Schooling Navigator website. At the top left is the logo, a stylized 'M' with 'open schooling navigator' text. To the right is a navigation menu with links for 'Home', 'Open Schooling Materials', 'Build your own', and 'About Open Schooling', along with icons for help, heart, and globe. The main content area features the title 'Open Schooling Navigator' in a large, bold, green font, with the subtitle 'Your guide in the world of Open Schooling' below it. The bottom half of the page is a photograph of a group of people, including children and adults, gathered around a table outdoors, engaged in a hands-on activity. One child is pointing at a colorful paper craft on the table.

16 Learning Scenarios



Biodiversity around us

Ensure your local biodiversity is recognised and supported

12+ yrs.

12 hrs, 45 min



Dealing with waste

Generate creative ideas to rid ourselves of litter

12-14 yrs.

24 hrs



Decision-Making

Make better choices - by understanding the science behind decision making

14-15 yrs.

14 hrs, 20 min



Energy Research

Inform yourself to better make the case for renewable energy

11-12 yrs.

22 hrs, 35 min



Exercise for thought

Grasp how exercise is good for both body and mind

10-12 yrs.

7 hrs, 20 min



Forces of nature

Reveal the forces of nature present in our everyday

9-12 yrs.

21 hrs



From seed to compost: circulation of matter in nature

Track the food on your plate to understand global food supply

9+ yrs.

10 hrs, 50 min



Healthy Snack

Resist junk food options by designing your own healthy snack

13-15 yrs.

20 hrs, 10 min



How clean is our air?

Examine the air around you to understand a global challenge

9-11 yrs.

8 hrs



Illicit Drugs

Take a journey through the big questions about drugs

13-14 yrs.

7 hrs



Let It Rain

Build your knowledge and skills to get the better of the weather

9-11 yrs.

13 hrs, 30 min



On Two Wheels

Make the case to your community for alternative transport options

9+ yrs.

6 hrs, 55 min



Our Moving World: Physics Everywhere

Discover the science principles at play in your playground

13-15 yrs.

16 hrs, 15 min



Sounds around us

Become a better listener by strengthening your sensitivity to sound

13-16 yrs.

12 hrs, 40 min



The Art in STEAM: Transitions from 2D to 3D

Use art as a catalyst for developing your STEM skills

6-8 yrs.

26 hrs



Zero waste school

We produce a lot of waste. Does it have to be that way?

13-14 yrs.

18 hrs, 30 min

<https://openschoolingnavigator.eu/>

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The Learning Scenarios:

Elementary School	Middle school
Exercise and physical activity (IL) Improve community well-being	Physics Everywhere (IL) Discover the science principles at play in your playground
Forces of nature (NL) Exploring motion by various means	Dealing with waste (NL) Litter in a public environment
How clean is air? (UK) Air pollution	Zero waste school (UK) Circular economy, 6R
Food travels (PL) Zero waste kitchen	Sounds around us (PL) Noise and silence
Energy Research (IL) Inform yourself to better make the case for renewable energy	Decision Making (IL) Make better choices - by understanding the science behind decision making
Let it Rain! (UK) Creating an outdoor classroom for different types of weather	Illicit Drugs (UK) Take a journey through the big questions about drugs
The Art in STEAM: Transition between 2D and 3D (NL) Use art as a catalyst for developing your STEM skills	Biodiversity - How It Works (PL) Ensure your local biodiversity is recognised and supported
On Two Wheels (PL) Using bicycles as an alternative to cars.	Healthy Snack (NL) Resist junk food options by designing your own healthy snack

**Let's get started with our
hands-on activity!**

Open Schooling hands-on activity

- Split in groups of 4/5 persons
- Explore the Open Schooling Navigator to get inspired (5 min.)
- Choose one activity and adapt/modify it according to your needs(15 min.)
- Select a spokesperson and present your LS (10 min.)

Open schooling Navigator

<https://openschoolingnavigator.eu/>

Open Schooling hands-on activity

When adapting/modifying your educational activity:

- Locate it in your local community so it makes the school interact with it.
- Clearly identify in which phase of the LS it should be included (i.e., Brief, Research, Create and Share).
- Identify the “Real-life Challenge”, “Main Goals” and “Main Messages” the activity addresses.

**It's time to present your
work 😊**

Make It Open in short

- EU-funded international collaboration between seven partners for three years.
- Supporting schools and local communities to develop partnerships around STEAM activities.
- Based on the *Maker movement* and the *Open Schooling* approach.
- Rethink learning boundaries and equip future citizens with the right skills for the 21 century.



Translative
Learning
Technologies
Lab

CENTRUM
NAUKI
KOPERNIK



Sci Co



Thank you!

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