

# OpenSchoolMaps: 01 OSM-Org as map viewer teacher information

OpenSchoolMaps.ch — Free learning materials for free geodata and maps

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**A worksheet for teachers**

## Overview

### *Goal*

After editing the corresponding worksheet, students should be able to use [openstreetmap.org](https://openstreetmap.org) to view the OpenStreetMap, find places and things on the map, use the routing function and enter "notes" in OpenStreetMap to help improve the map data.

### *Audience*

Students in Lehrplan 21 Zyklus 2 or 3 (4th to 9th school year)

### *Scheduling*

- "Get to know the OSM.org website" worksheet: 20 minutes
- "Using the OSM.org website in everyday life" worksheet: 10 minutes
- "Examine OpenStreetMap data" worksheet: 15 Minuten

The total time taken should be about one lesson (45 minutes).

## Preparation

The students should have a **physical atlas or a physical map**, and if possible also a globe.

As an alternative to a globe, the computer program "Marble" can be used.

The students require a **web browser** with **Internet access** (at least to <https://openstreetmap.org>) for them to work on the worksheet.

# Additional Task

## Web-Competence

How did the content of the browser address bar change when you went to [osm.org](https://osm.org)?

Can you explain the individual parts of the address?

### *Suggestion*

In geography lessons it is often common to enter angular coordinates in degrees, minutes and seconds. Use this opportunity to practice the conversion between decimal fraction and the degree-minute-second system. For example, coordinate data from the register of an atlas can be translated into OpenStreetMap URLs. //note

## Task for advanced students / higher classes

Zoom out so far that you can see whole continents or even the whole earth. Then move the map north or south without zooming. Why does the scale change?

Open questions? Feel free to contact [OpenStreetMap Schweiz](#) or [Stefan Keller](#)!



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