

## Workshop in English for pupils in 5th and 6th form at Primarschule Basel

### Vi Reality Lab

**Moderator:** TechLabs

**Language** English or bilingual

#### Activities, Methods

Discover school subjects in virtual worlds. In this hands-on workshop, students will acquire digital skills to transform any subject matter into immersive experiences – with [Delightex Edu](#). They will design interactive 3D environments – from simulating scientific concepts to reconstructing historical events to a virtual "All About Me." Using block-based programming, they will combine creativity with coding, making learning more dynamic, personalized, and future-oriented. This is a powerful way to deepen understanding, spark curiosity, and bring the curriculum to life through AR or VR.

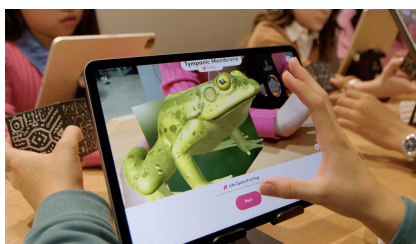
#### Learning objectives:

- Learn the basics of block-based programming to create interactive AR/VR experiences.
- Apply creative thinking to express knowledge from different school subjects in digital worlds.
- Simulate scientific concepts such as motion and force with virtual physics tools in 3D space.
- Translate thoughts, opinions, experiences and knowledge into digital media contributions and publish them in virtual spaces.

#### Curriculum 21 Competencies:

- BG.2.A.1 (Bildidee entwickeln)
- COMPUTER SCIENCE MI.1.3 (Medien und Medienbeiträge produzieren), MI.1.4 (Mit Medien kommunizieren und kooperieren), MI.2.2.2 (Algorithmen)
- ENGLISH FS2E.6.C.1.3 (Kulturen im Fokus – Handlungen)

TechLabs Workshops can be tailored to your class's level, learning goals, and LP21 competencies. Contact us to create a workshop that fits your needs.



Photographer: MergeCube - [public domain](#)

## **Materials and Resources**

Access to Pro Delightex License  
Laptops

## **Preparation required in advance**

Wifi access

## **Location:**

Your school or TechLabs, ELYS, 215 Elsässerstrasse, 4056 Basel

## **Duration:**

2 hours

## **Number of Participants (min./max.):**

Minimum 10, maximum 40 students

## **Possible Dates (weekdays, times):**

Mo.-Fr. 8:30-12:00

## **Cost:**

Fr.16 / Child for a 2 hour workshop  
+ Fr.9 / Child / hour for > 2 hours  
+ Fr.100 Transport fee to host  
event at your school

## **Contact:**

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