


## Integrated Science S1

- Class hours: 3h per week, in English
- Equipment: 2 science rooms containing all the required equipment (sink, electrical equipment) and one regular room, all with computers. The maximum number of students per class is 24.
- Topics covered in integrated science S1:
  - Science Lab (What is science?, measurement and units, a science lab)
  - Food, Cooking, and Nutrition (Food, Cooking – general, Basic cooking techniques – heat, Basic cooking techniques – acid, Basic cooking techniques – salt, Basic cooking techniques – fermentation , Nutrition, Capstone project—a healthy menu
  - Sports (Movement, Forces, Breathing, Sports and health
  - Puberty and Sexuality (Puberty and sexual maturity, Human reproductive anatomy, Human sexuality

## Integrated Science S2

- Class hours: 3h per week, in English
- Equipment: 2 science rooms containing all the required equipment (sink, electrical equipment) and one regular room, all with computers. The maximum number of students per class is 24.
- Topics covered in integrated science S2:
  - Our Place in the Universe (The solar system and the universe, light, Life on earth (and elsewhere?), Atoms, elements, and molecules
  - Mens Sana in Corpore Sano; A Healthy Body and a Healthy Mind (Healthy living, Diseases and disorders— infectious diseases, Diseases and disorders— non-infectious diseases (environmental and systemic), Pleasure, dependence, and addiction, Tobacco and smoking
  - The Senses (vision, hearing, touch, smell, taste, proprioception, interoception, nonhuman senses

Students study the different topics by performing experiments and analyzing the results, as well as carrying out small projects.



### Integrated Science S3

- Class hours: 3h per week, in English
- Equipment: 2 science rooms containing all the required equipment (sink, electrical equipment) and one regular room, all with computers. The maximum number of students per class is 24.
- Topics covered in integrated science S3:
  - Elements and compounds
  - The microscopic world
  - Health education
  - The soil
  - Light images and vision
  - Work and machines
  - Electricity

Students study the different topics by performing experiments and analyzing the results, as well as carrying out small projects.