

Science Lab Elective

Basic information:

- 2 hours per week (8th, 9th and 10th grade)
- choice in 9th and 10th possible
- no fixed curriculum (depends on the subject teacher)
- language depends on the subject teacher

Biology-Chemistry-Elective normally in German

Science Lab normally in English

Science Lab Elective

- prepare students for the rigors of the AP Science curricula
- much of the content, the activities performed are simplified versions of AP lab activities
- better prepared to handle common AP science hurdles, such as dealing with raw data, performing statistical analyses of data sets, and representing these measurements in some graphical form
- is designed to capture the excitement of Science through a variety of interesting and informative activities

Science Lab Elective

Possible Contents

- Microscopes
- Diffusion & Osmosis
- Water Potential
- Photosynthesis
- Respiration
- Balancing of chemical equations, Gas Laws, Chemical and Physical Changes
- Chromatography challenge
- Indicators

