**Questionnaire**

In year \_\_\_\_\_of chemistry

Age:\_\_\_\_\_\_

Gender:  female  male

Nationality:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Expectations (pre-chemistry classes)**

1. **If you were allowed to drop science, what would you do?** 
   * I’d do it No, I wouldn’t
2. **What do you expect from chemistry lessons to be?**
   * Theoretic (reading texts, doing worksheets, problem solving…)
   * Practical (experiments, excursions, simulation games, researches…)
3. **I expect chemistry to be complicated:**
   * I totally agree
   * I agree
   * Disagree
   * I totally disagree
4. **I would like science more if classes had a variety of methods: research, internet, excursions, experiments, games …** 
   * I totally agree
   * I agree
   * Disagree
   * I totally disagree

**For Classes with chemistry**

1. **Do you like Chemistry?**  Yes  No

Because it is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (max. two features)

1. **If you were allowed to drop Chemistry, what would you do?** 
   * I’d do it No, I wouldn’t
2. **Chemistry is interesting**

* Strongly agree  Agree  Disagree  Strongly disagree

1. **If you had the choice: I’d elect Chemistry class because…**

* of the interest in science.
* of the dangerous chemicals. I like the risk.
* of laboratory equipment which I like.
* of the research. It is interesting.
* of my future plans (to study chemistry, pharmacy, medicine etc.).

1. **Chemistry is too complicated: (1 agree; 6 don’t agree)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 |

**If you choose 1, 2, 3: why is chemistry too complicated?**

* Because I don’t understand the formula
* Because I can’t imagine how atoms could exist or work (because we can’t see or watch them)
* Because I can’t remember so much information
* Because I can’t distinguish different chemicals
* Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**If you choose 4, 5, 6: why isn’t chemistry complicated?**

* Because there is a relation (is linked) to everyday life
* Because there are only similarities to other subjects
* Because it is important for my future
* Because I simply like it
* Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Chemistry is interesting because the lessons aren’t as boring as other subjects due to the relation to everyday life shown in experiments**

* Strongly agree  Agree  Disagree  Strongly disagree

1. **Do you think chemistry will be very useful for your future?**  Yes  No
2. **I don’t think I will be successful in chemistry:**
   * Totally agree  Agree  Disagree  Totally disagree
3. **I would be more interested in science subjects if there were more experiments.**

* Totally agree  Agree  Disagree  Totally disagree

1. **Have your expectations been fulfilled in your chemistry lessons? (high classes**)
   * Totally agree  Agree  Disagree  Totally disagree
2. **I choose chemistry because of my teacher (high classes)**
   * Totally agree  Agree  Disagree  Totally disagree