

## **MATURITNÍ OKRUHY – SCIENCE 2017/2018**

1. Introduction to mathematics
2. Fractions, powers, roots and logarithms
3. Introduction to geometry, lines, angles and triangles
4. Quadrilaterals, polygons, a circle and geometric solids
5. History of chemistry
6. The periodic table and its history
7. General terminology in chemistry
8. Chemical bonds and their properties
9. States of matter
10. Chemical reactions
11. Solutions
12. Laboratory equipment
13. Classification and labelling of chemicals
14. Basic laboratory operations
15. Safety in chemical laboratory
16. Acids and bases
17. Inorganic chemistry and compounds
18. Organic chemistry and compounds
19. Introduction to biochemistry
20. Applied chemistry
21. Introduction to physics
22. Physical quantities and units
23. Application of modern physics
24. Information sources in science
25. Scientific journals