

ZAGADNIENIA DLA KANDYDATÓW DO KLASY 3 IB DP – CHEMIA NA POZIOMIE HL

CHEMISTRY

Forma testu: test z pytaniami zamkniętymi i otwartymi (1,5h)

Required topics:

1. Chemical reaction and physical process
2. Atoms - electronic configurations, isotopes, average atomic mass, symbol of atom/ion with atomic and mass number
3. Structure and properties of chemical compounds – formula, structure, bonds, polarity.
4. Periodic table – groups, periods, shells and valence electrons of elements, periodic trends
5. Chemical equations – writing and balancing.
6. Acids, bases and salt – structure, names, reactions, properties and nature of solutions, concentration of solutions.
1. Alkanes, alkenes, alkynes, peptides, carbohydrates – names and properties (chemical equations).

Literatura:

Dowolny podręcznik do chemii do klasy 1 i 2 LO - poziom rozszerzony np. "Chemia. Zakres Rozszerzony" tom 1 i 2, wyd. Operon, ISBN: 978-83-7879-962-7 oraz 978-83-7879-996-2.