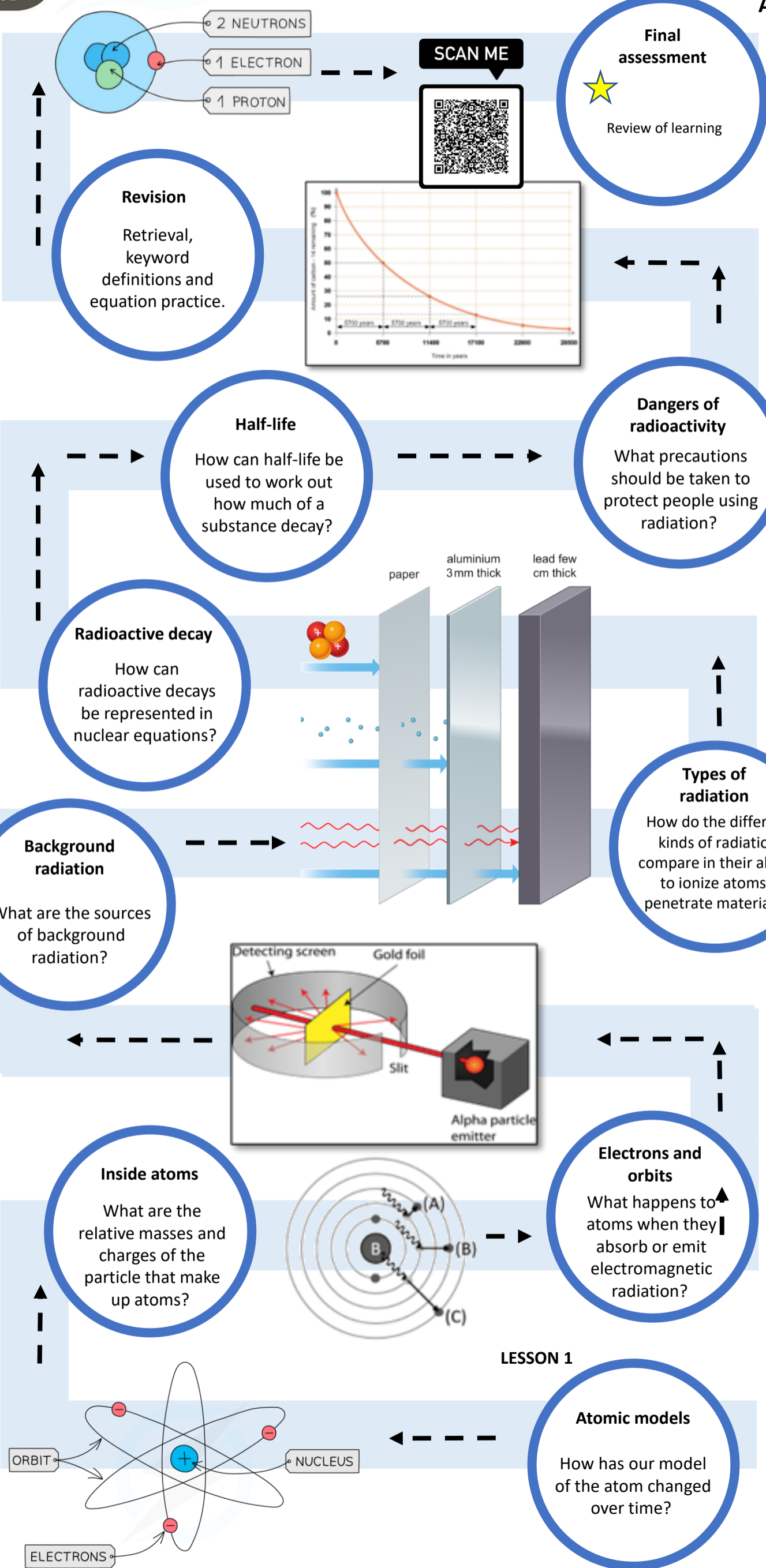


Make sure you can write definitions for these key terms.

atom, John Dalton, JJ Thomson, Rutherford, subatomic particle, proton, neutron, nucleons, atomic mass, atomic number, isotopes, orbits, electrons, emission spectrum, ions, background radiation, Geiger Muller (GM) tube, Dosimeter, alpha, beta gamma, decay, half-life

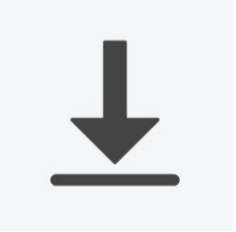


Final assessment

★

Review of learning

- Apply:**
- SP7 Origin of the universe (CMBR)
 - SP9 Objects affecting each other
 - SP11 Static electricity & electric fields
 - SP14 Particle model
 - 16+ Nuclear energy
 - Induced fission
 - Nuclear radius
 - Nuclear instability
 - Rutherford scattering



- Retrieve:**
- P1.2.1 sound and energy transfers
 - P1.3.3 Density
 - C1.1.2 States of matter
 - C1.2. Atoms
 - P1.4.1 The big bang (CMBR)
 - P2.1.6 magnetic interaction
 - P2.2.4 energy transfer: particles
 - P2.3.4 Pressure
 - C2.1 The periodic table
 - SC1 States of matter
 - SC3 Atomic structure
 - SC4 The periodic table
 - SP5 EM Spectrum (gamma radiation)