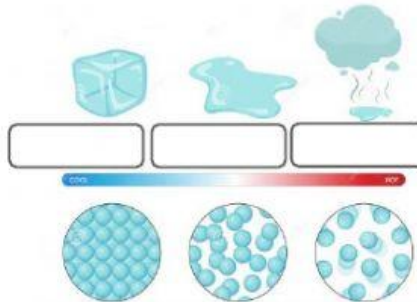
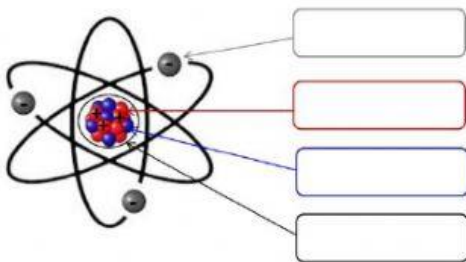


BASIC ATOMIC STRUCTURE



1. Drag the following words next to the pictures.

attract electron inside liquid neutron nucleus outside gas
proton solid thick thin building blocks magnified view



2. Connect English and Slovenian expressions.

building blocks
electric charge
empty space
magnified view
mass
mile away
size
spinning
tiny
to add up
to measure
to weigh
wide

električni naboj
gradniki
majcen
masa
meriti
miljo vstran (1,6 km)
povečan pogled
prazen proctor
sešteti
širok
tehtati
velikost
vrteti se

3. Watch the video about the basic atomic structure and complete the sentences.

add up attract tiny
building blocks electrons
empty space mass
middle mile million
moving negative
neutrons nucleus
outside positive pull
protons size spin

Watch the video

Basic Atomic Structure: A Look Inside the Atom

<https://www.youtube.com/watch?v=h6LPAwAmnCQ&list=UUj3EXpr5v35g3peVWnVLoew>

Atoms are the _____ that make up everything. Atoms are so _____ that we could place one _____ atoms lined up in a row on the width of a paper sheet. In the center of the atom it is the _____ which is made up of two different particles _____ and _____.

On the _____ of the atoms, there are even smaller particles called _____. They are constantly _____ around the center but nucleus stays solid right in the _____ of the atom.

Electric charge is very important. Protons have a _____ electric charge and electrons have a _____ electric charge. Opposite charges _____ so negatively charged electrons are attracted to positively charged protons that _____ them in. With atoms, beside their electric charge, it is also important how much they weigh - their _____.

Protons and neutrons are very similar in _____ and mass. They weigh 1 AMU. When we are talking about the mass of atoms, we usually _____ the protons and neutrons because the electrons are too tiny. The electrons don't _____ in nice circles, they buzz around all over the place. If nucleus would be the size of a grape, the electrons would be a _____ away. So most of an atom is actually _____.