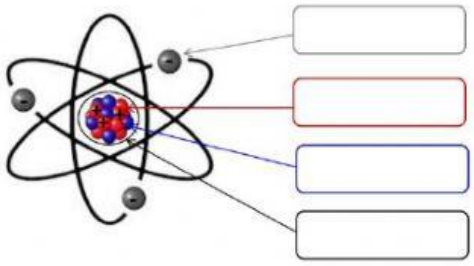
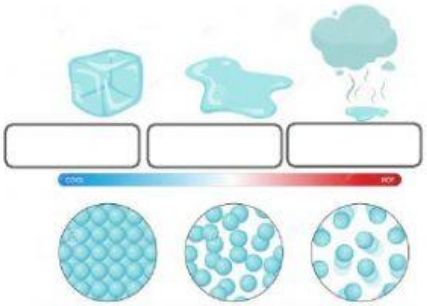
BASIC ATOMIC STRUCTURE

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	električni naboj
electric charge	gradniki
empty space	majcen
magnified view	masa
mass	meriti
mile away	miljo vstran (1,6 km)
size	povečan pogled
spinning	prazen proctor
tiny	sešteti
to add up	širok
to measure	tehtati
to weigh	velikost
wide	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 _____.