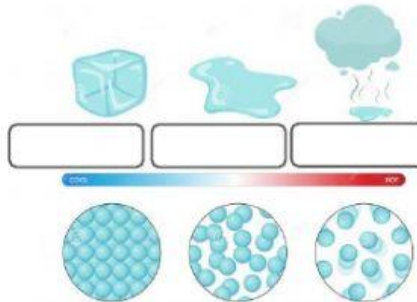
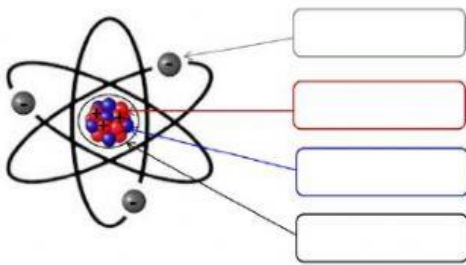


# BASIC ATOMIC STRUCTURE



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 \_\_\_\_\_.