## A1: 8. Q2: Which group of the periodic table is Oxygen in?

**Aspect: Properties of Chemical Element** 

Q1: What is the atomic number of Oxygen?

Q3: What is the ranking of oxygen in the universe by mass?

A2: Chalcogen.

A3: Third-most.

A5: Dioxygen.

## Aspect: Chemical Reaction

Q4: Which kind of chemical is Oxygen that readily forms oxides with most elements as well as with other compounds?
A4: A highly reactive nonmetal, and an

oxidizing agent.

Q5: What would two Oxygen atoms of the element bind to form at standard temperature and pressure?