**DIGI SCHOOL 2020-1-SK01-KA226-SCH-094350 Chemistry – Chemical substances**



**Acidity and Alkalinity of Chemical Substances**

Chemical substances can be acid, base or neutral.

The acidity or alkalinity of substances is determined with a universal indicator paper.

If the pH of substances is lower than 7, they are acidic, e.g. acids.

If the pH of substances is higher than 7, they are base, e.g. hydroxides.

If the pH equals 7, substances are neutral, e.g. sodium chloride.

Acidity and alkalinity are also detected using indicators, e.g. phenolphtalein, which is colourless in acidic environments and pink in base ones.