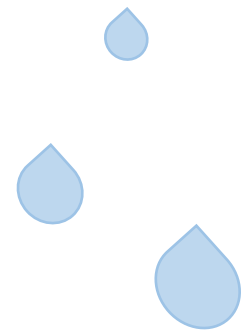
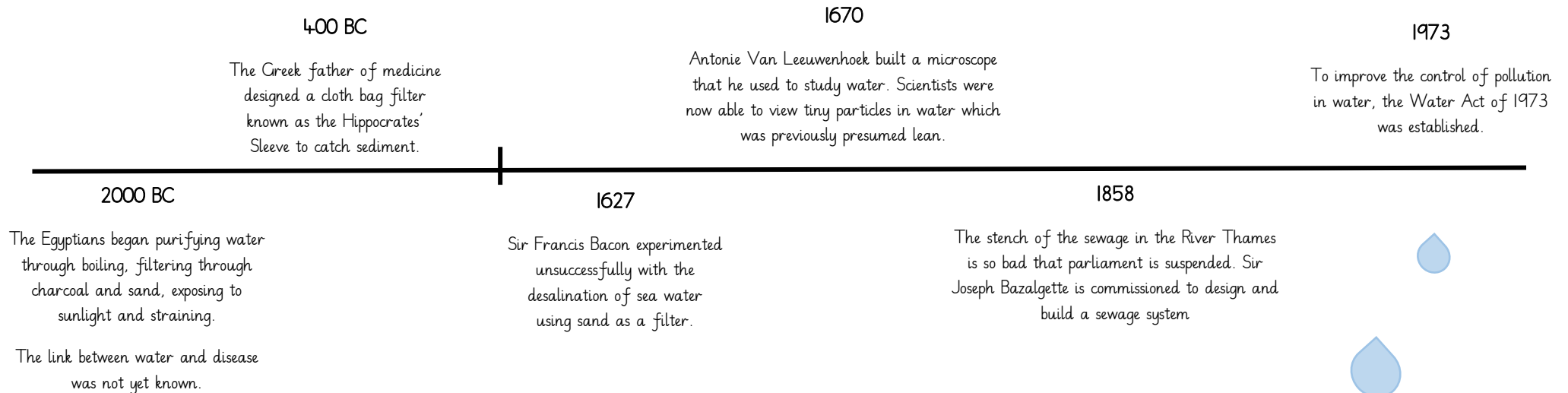


# Year 6 Knowledge Organiser

## Where does our water go?



### Timeline of Water Purification



### Dangers of dirty water



- 844 million people are living without clean water.
- 2.3 billion people do not have flushable toilet to use.
- 31% of schools do not have access to clean water.

Water aid fundraise to provide access to clean water for all people across the world.



# Year 6 Knowledge Organiser

## Where does our water go?



### Water Cycle Glossary

#### Evaporation:

Evaporation is the process of a liquid's surface changing to a gas. In the water cycle, liquid water (in the ocean, lakes, or rivers) evaporates and becomes water vapour.

#### Condensation:

Condensation is the process of a gas changing to a liquid. In the water cycle, water vapour in the atmosphere condenses and becomes liquid.

#### Precipitation:

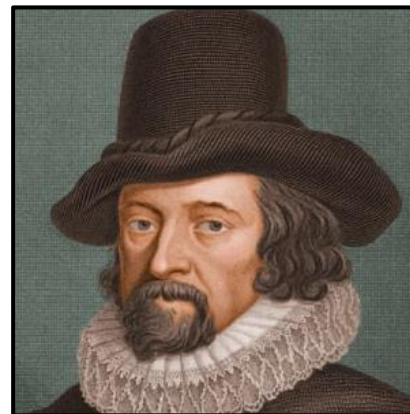
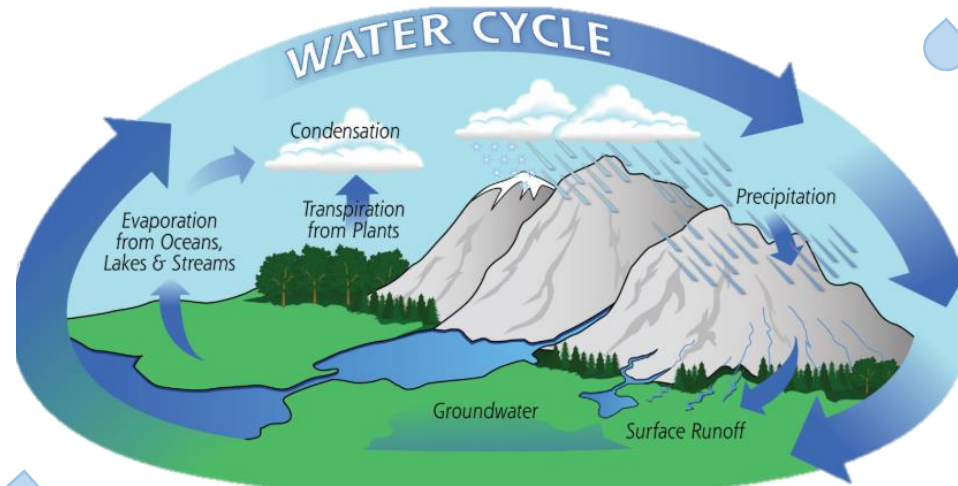
Unlike evaporation and condensation, precipitation is not a process. Precipitation describes any liquid or solid water that falls to Earth as a result of condensation in the atmosphere. Precipitation includes rain, snow, and hail.

#### Runoff:

For instance, describes a variety of ways liquid water moves across land.

#### Transpiration:

Is the process of water vapour being released from plants and soil.



### Key Figures

Sir Francis Bacon

Antonie Van Leeuwenhoek

Hippocrates

Sir Joseph Bazalgette

Dr John Snow

Louis Pasteur

### 'Baddies in the Works'

Baddies refer to the germs and bacteria that are often collected during the water purifying process.

When water is filtered, these 'baddies' are often extracted to enable us to drink fresh, clean water.

Floc

Pesticides

Herbicide

Protozoa

Algae

Bacteria

Peat

Debris

### Did you know?

The water you drink is the same water than Woolley Mammoths, Tutankhamun and the first humans drank!

The world has been recycling water for over 4 billion years!