KS3 Geography

Knowledge Organiser

Year 7 – Processes & Society

Lesson 1 – How does the water cycle work?

1. The water cycle is **finite** and **closed**.
2. Water moves between **stores** through a series of **processes**.
3. Most of the water on earth is **salty**.

Lesson 2 – How are human affecting precipitations?

1. Global **temperatures** are **rising**.
2. This means **higher** rates of **evaporation**.
3. In turn leading to **more extreme rainfall**.

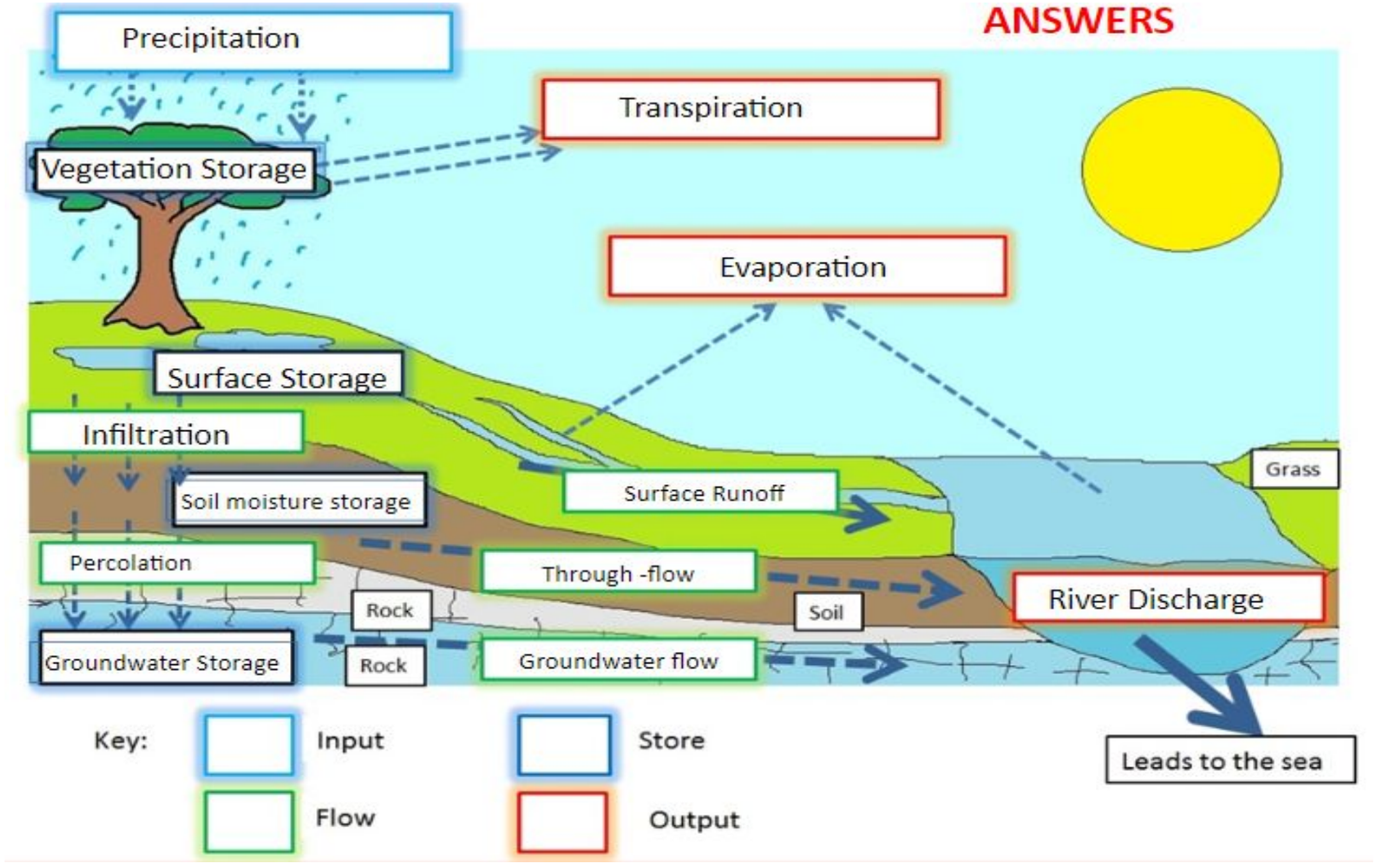
Lesson 3 – How are human affecting evapotranspiration?

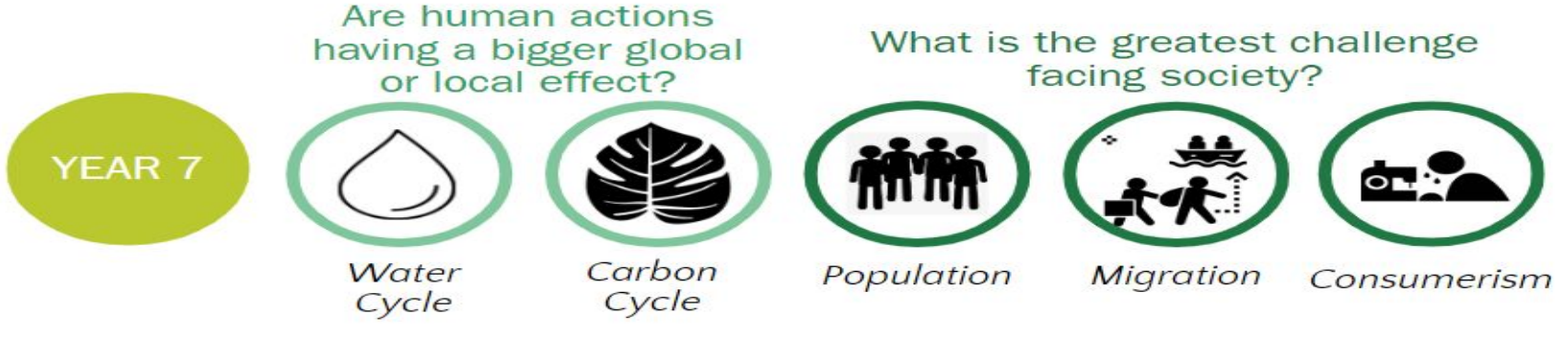
1. **Deforestation** interferes with the water cycle's equilibrium.
2. Deforestation **reduces interception** so **increases surface runoff** and **flooding**.
3. Deforestation reduces interception so **reduces transpiration**.

Lesson 4 – How are human affecting infiltration?

1. **Urbanisation** interferes with the water cycle's equilibrium.
2. **Impermeable** surfaces **reduce infiltration** so **increase surface runoff** and **flooding**.

How are humans affecting the water cycle?





KS3 Geography

2024-2027

Curriculum Map

Are human actions having a bigger global or local effect?

What is the greatest challenge facing society?

YEAR 7

Water Cycle

Carbon Cycle

Population

Migration

Consumerism

Year 7 – Processes & Society

Year 7 - Changing Societies