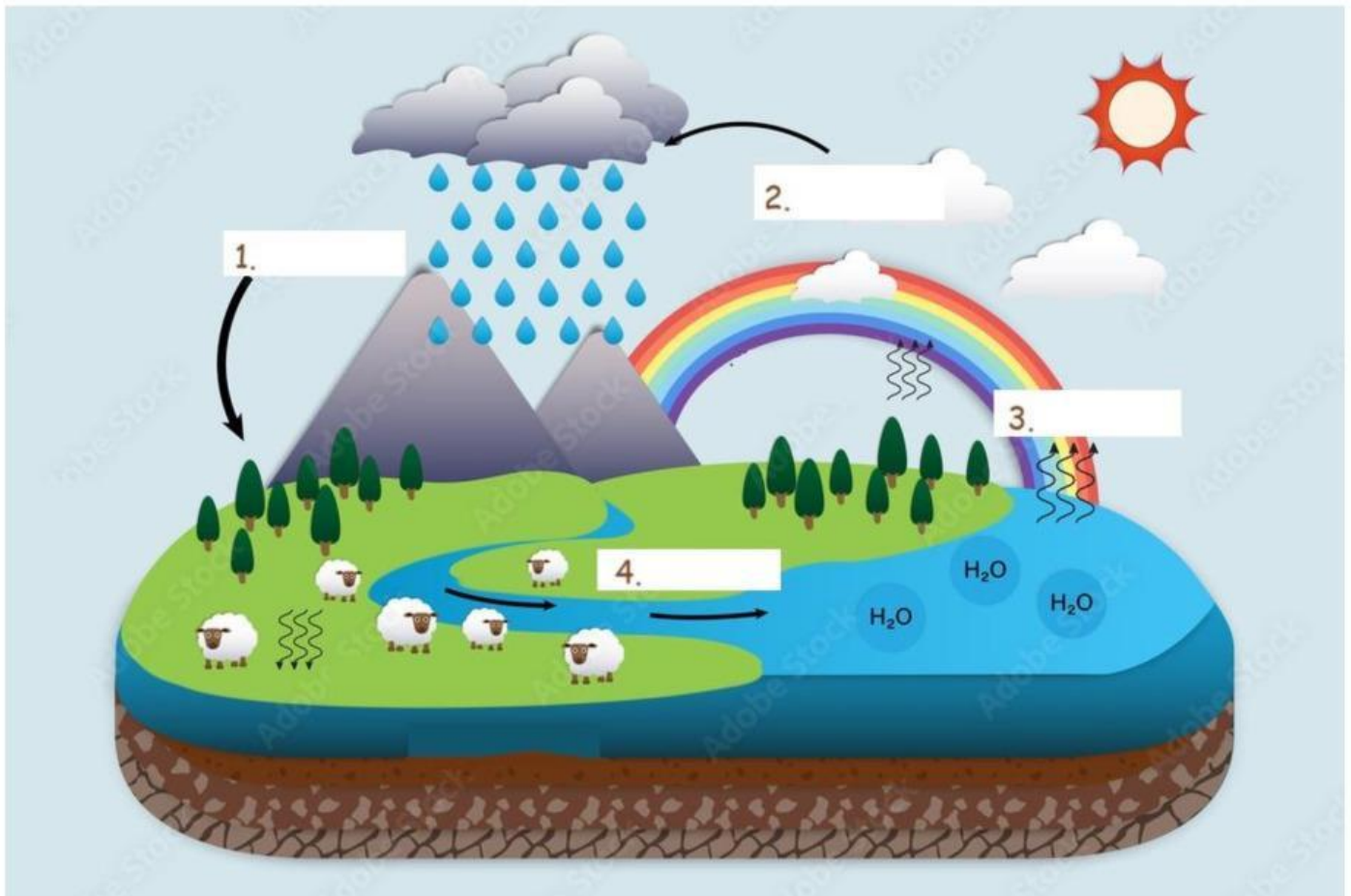


The universe and planet Earth (unit 1 study)

The water cycle: What is each stage of the water cycle?



Evaporation: When the warmth from the _____ causes water from _____, _____ and _____ to rise into the air as _____ (water vapour).

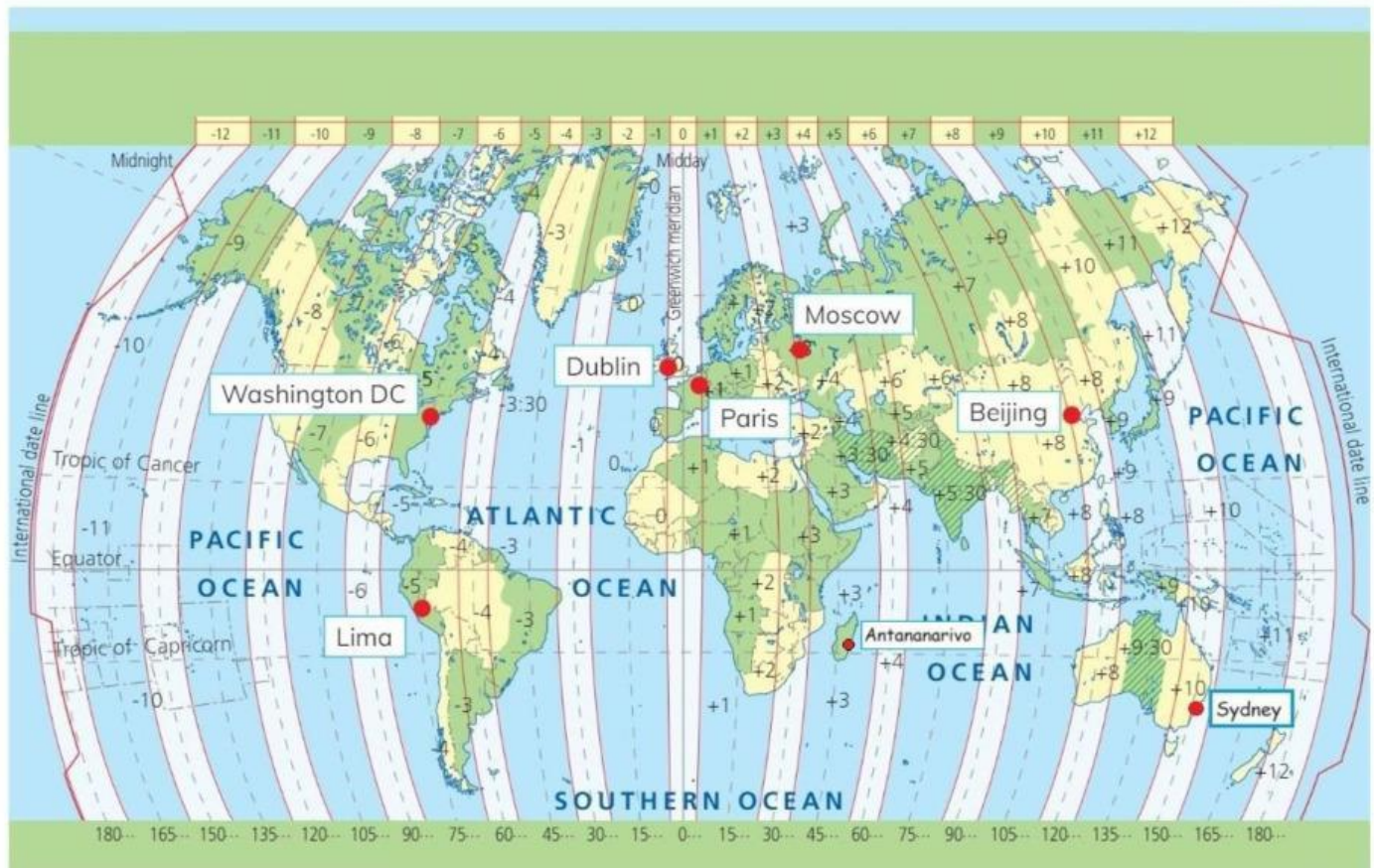
Precipitation: When water (in the form of _____, _____, _____ or _____) falls from _____ in the sky.

Collection: When water that falls from the _____ as _____, _____, _____ or _____, collects in the _____, _____ and _____. Most will infiltrate (soak into) the ground and will collect as _____ water.

Condensation: When water vapour in the air _____ and turns back into _____ water. The water vapour joins together to form water _____ in clouds.

(Key words: clouds, sun, oceans, lakes, rivers, droplets, streams, underground, gas, cools down, rain, snow, hail, sleet)

Calculate the time in these different time zones:



b. If it's 3:00am in **Washington DC** what time is it in these capital cities?

Antananarivo

Lima

Moscow

Beijing

Paris

Sydney

Dublin

Antananarivo = _____

Lima = _____

Moscow = _____

Beijing = _____

Paris = _____

Sydney = _____

Dublin = _____

Why is **Paris** in **Zone 1** instead of zone 0?

- a) Paris decided to have the same time zone as Germany during WW2.
- b) Paris likes to have 1 more hour than England.
- c) Paris is not in the same time zone as Madrid.



This is a _____ eclipse.



This is a _____ eclipse.

Key words: darkness, Earth, darker, moon, Earth, moon, Earth, penumbra, moon.

A **solar** eclipse is when the _____ goes in front of the _____. A part of the _____ is then in _____.

A **lunar** eclipse is when the _____ goes in front of the _____. The moon then has a _____ colour or has a _____.

Space objects

Connect the descriptions to the picture and then the picture to the name.

Started an orbit
Intentionally placed to investigate space
The moon

Space rocks
Orbit the sun

snowballs of frozen gases, rock, and dust
Orbit the sun

Space rocks that burn when they enter the Earth's atmosphere
"shooting stars"



Comet

Meteoroid

Asteroid

Satellite