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.

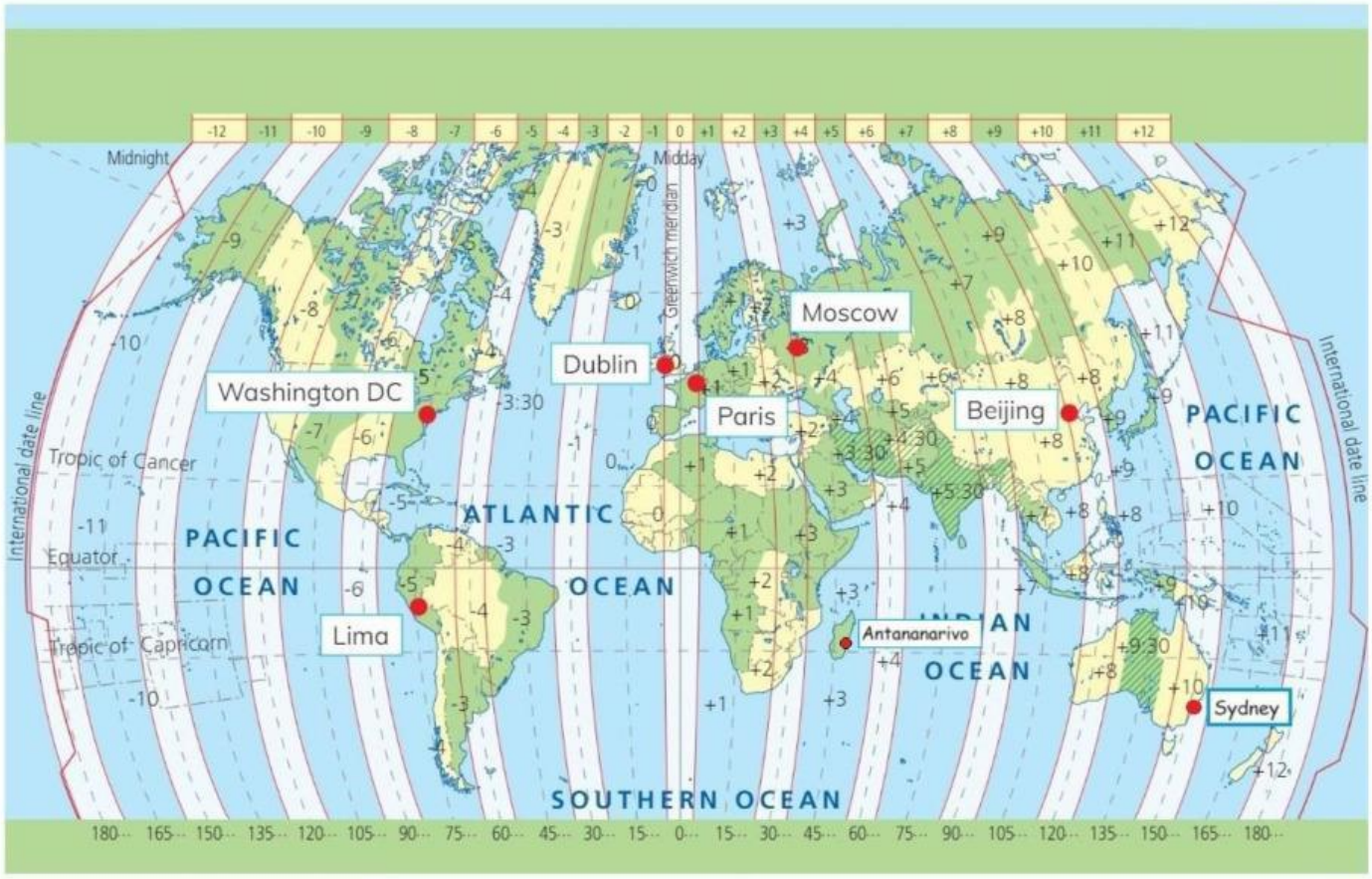
Collection: When water that falls from the _____ as _____, _____, _____ or _____, collects in the _____, _____, _____ and _____. Most will infiltrate (soak into) the ground and will collect as _____ water.

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*)

LIVEWORKSHEETS

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 = _____

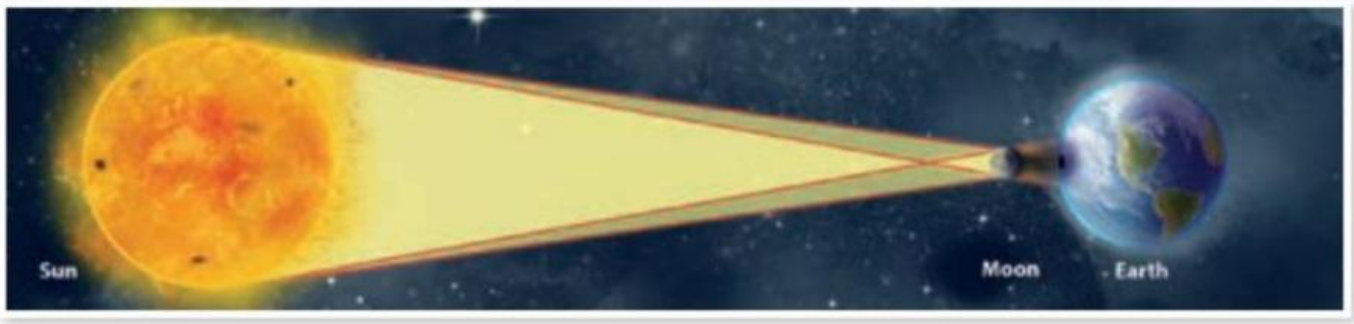
Sydney = _____

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.

LIVEWORKSHEETS



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		Comet
Space rocks Orbit the sun		Meteoroid
snowballs of frozen gases, rock, and dust Orbit the sun		Asteroid
Space rocks that burn when they enter the Earth´s atmosphere “shooting stars”		Satellite

LIVEWORKSHEETS