

# The Water Cycle Board Game

Use your knowledge of the water cycle to play this board game with your friends or family!

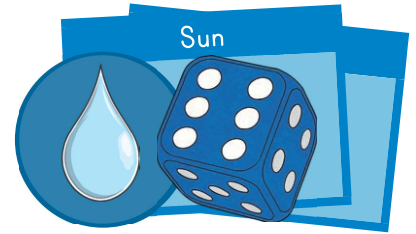
## Preparation

You will need 1 counter per player and a 1-6 dice.

Cut out each of the question cards, the sun cards, and the counters.

Place the cards in five piles in the center of the board, according to their symbol.

Place the counters on the “Start” square.



## How to Play

- Each player takes a turn to roll the dice and move around the board.
- If you land on a square with a symbol, an opponent takes a card with a matching symbol.
- The opponent reads the question to the player, who tries to answer the question on the card.
- Check the answers on the bottom of the cards.
- If you are correct, you are still in the game! If you are incorrect, you must miss a turn.
- If you land on a square with a sun, take a sun card and follow the instructions.
- The winner is the player who gets back to the start first!

# The Water Cycle Board Game



## Precipitation



## Sun

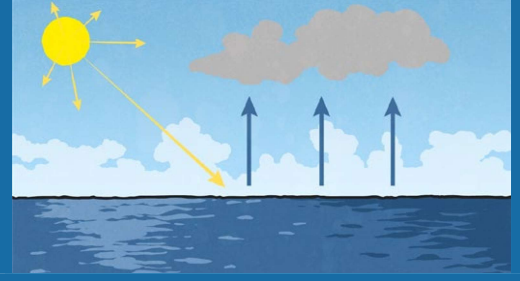


## Collection

Water that falls on the ground can be absorbed underground or evaporated. What else could happen to it?

It can run over the ground and collect in rivers, lakes, or oceans.

## Evaporation



## Condensation



## Collection



## Collection

What happens to water that falls as snow once it has reached Earth?

It will eventually melt into liquid water, then either be evaporated, absorbed, underground, or run over the ground into rivers, lakes, or oceans.

# The Water Cycle Board Game

## Collection

What happens to water once it has been collected in oceans, rivers, or lakes?

It is evaporated again.

## Collection

Water can fall on the oceans. How else does water collect in the oceans?

It travels there in streams and rivers.

## Precipitation

Around what temperature does it need to be to snow?

In order to snow, the temperature must be 32 degrees Fahrenheit or below.

## Precipitation

Why does water eventually fall from the clouds?

As the droplets of water clump together and cool down, they get bigger. Eventually they are too big for the air to hold, so they fall down to Earth.

## Precipitation

What is precipitation?

Water in any form falling from the sky.

## Precipitation

Rain is a form of precipitation. Can you name two other forms?

Snow, sleet, or hail.

## Evaporation

How does temperature affect the speed of evaporation?

The hotter the temperature, the faster the water will evaporate.

## Evaporation

Does water need to be boiling to evaporate?

No water will evaporate at room temperature or lower.

# The Water Cycle Board Game

## Evaporation

What does liquid turn into when it evaporates?

A gas.

## Evaporation

What is the boiling point of water?

212°

## Condensation

What does a gas turn into when it condenses?

A liquid.

## Condensation

When water vapor has condensed into liquid water can it change back to water vapor again?

Yes. If the water evaporates it will change back into water vapor.

## Condensation

Does a gas have to cool down or heat up to condense?

Cool down.

## Condensation

How does condensation cause clouds to form?

When water vapor condenses, the tiny droplets of water clump together to form clouds.

# The Water Cycle Board Game

**Sun**

Swap your own counter with another player's counter.

**Sun**

Go forward two spaces.

**Sun**

Go back to the start.

**Sun**

Move a player of your choice to any space.

**Sun**

Swap two players' counters.

**Sun**

Go back one space.

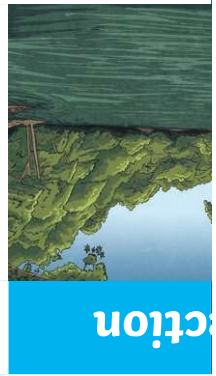
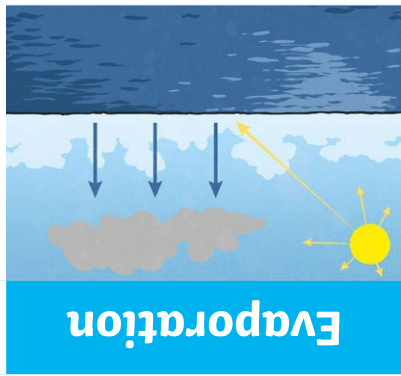
**Sun**

Go forward one space.

**Sun**

Go back two spaces.





Precipitation

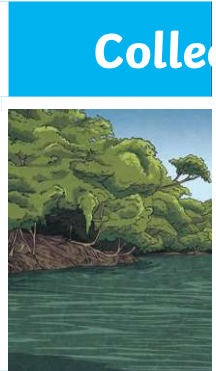
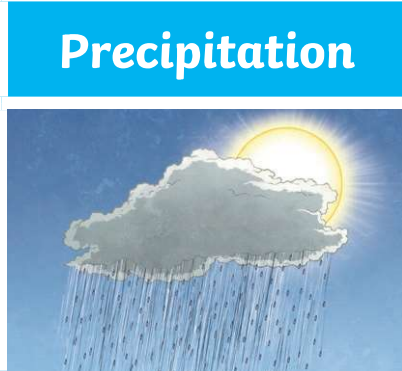
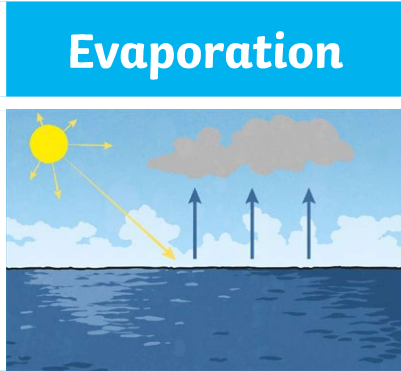


Collection



Condensation

# The Water Cycle

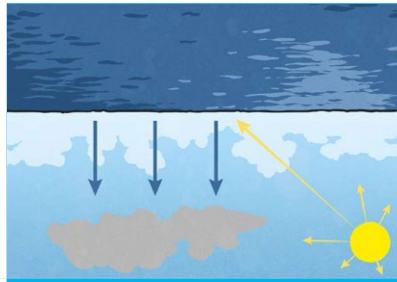




Collection



Precipitation



Evaporation



Water Cycle

Condensation

Precipitation

Sun

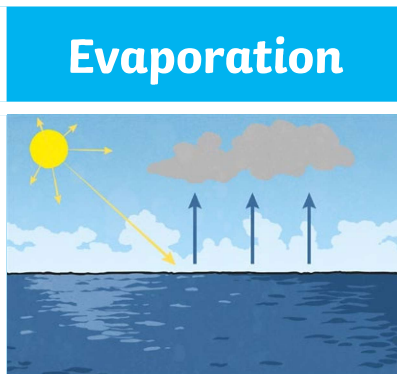
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Collection



Condensation



Evaporation

