

Drought

This game is part of a series of games created in the Games for Goals project.

AQUAHEROES



Find the other mini-games on chemical pollution, flooding, water misuse, plastic pollution and more on:

www.gamesforgoals.eu



Co-funded by the Erasmus+ Programme of the European Union



Please share feedback on the game and help measure its impact!



<https://tinyurl.com/CFG-impact-EN>



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Start

You are friends with Samuel. When he was little, Samuel and his friends used to love playing in the river that ran through his village. Now he's 9 years old and there is almost no water left.

The river is almost completely

dry. Samuel is sad so you and your friends decide to

go on a quest to find out why the

river is now so dry. Your aim is to make the river flow again.



Instructions

The youngest starts, then turn clockwise.

For every turn, you pick up a card. You are free to choose the type and level of the challenge (level 1, 2, 3). When you complete a challenge, add 1, 2, or 3 blue tiles to the board, depending on the level. You will see that the water flows back into the river.

If you don't pass a challenge, it's the next player's turn. Place the used cards at the bottom of the corresponding level pile.

When the time is up, you will have refilled the river with water again!

Take the token card you have earned and join the other children on their way to the central board.



Printing Instructions

**Print the pages 3-4 double-sided, long side.
Print 1-2 and 5 to 17 single-sided.**

- Attach pages 5 to 7 together to form the board
- Cut the river pieces (p8)
- Cut the challenges cards and the start card (p2 and 9-17). Then, fold them along the dotted lines, and glue them together.
- If you want to create your own challenges : print pages 18 to 22, and repeat the last instruction.
- Cut around the presentation card page 1, fold and glue. Add it to the game materials.

Activity Sheet



30MIN



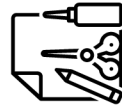
LEARNING OBJECTIVES

- The pupils share their reflections about the causes of drought.
- The pupils think about how to reduce drought.



MATERIALS

- A board representing a dried-up river
- 17 river tiles
- 6 cards in 5 sets: mime/dance, draw, missing word, quiz, memory
- 5 challenge card rules
- A start card



PREPARATION

- Put the board in the middle of the table
- Put the river tiles next to the board
- Put each set of cards in a pile, face down on the table
- Put the 5 challenge cards face up on the table
- Put the start card next to the board



Activity Sheet



ACTIVITY DESCRIPTION

During the game, the pupils will try to make the water flow back into the river by taking on the challenges.

There are five types of challenges: Draw, Mime or Dance, Memorise, Multiple Choice Quiz, and Missing word and each type of challenge has 3 levels. The more difficult the challenge is, the more water will flow back! If pupils fail to overcome the challenge, the river won't flow back and they will have to pass their turn.

The aim is to make the river flow again completely.



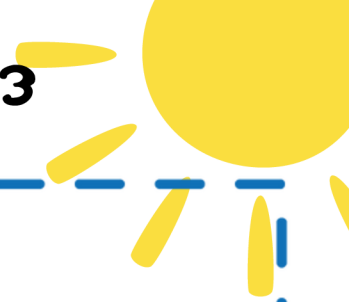
KEYS TO LEAD THE DISCUSSION

- What is the main problem in the river?
- What are the causes of this problem?
- What solutions did you find?
- What daily activities cause drought?
- What can you do to avoid drought?
- Why is it important?

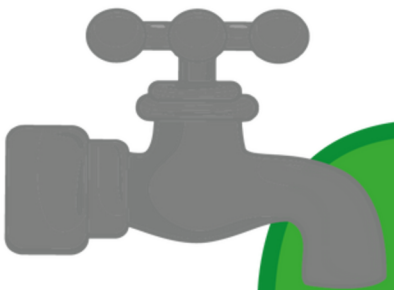
Level 1

Level 2

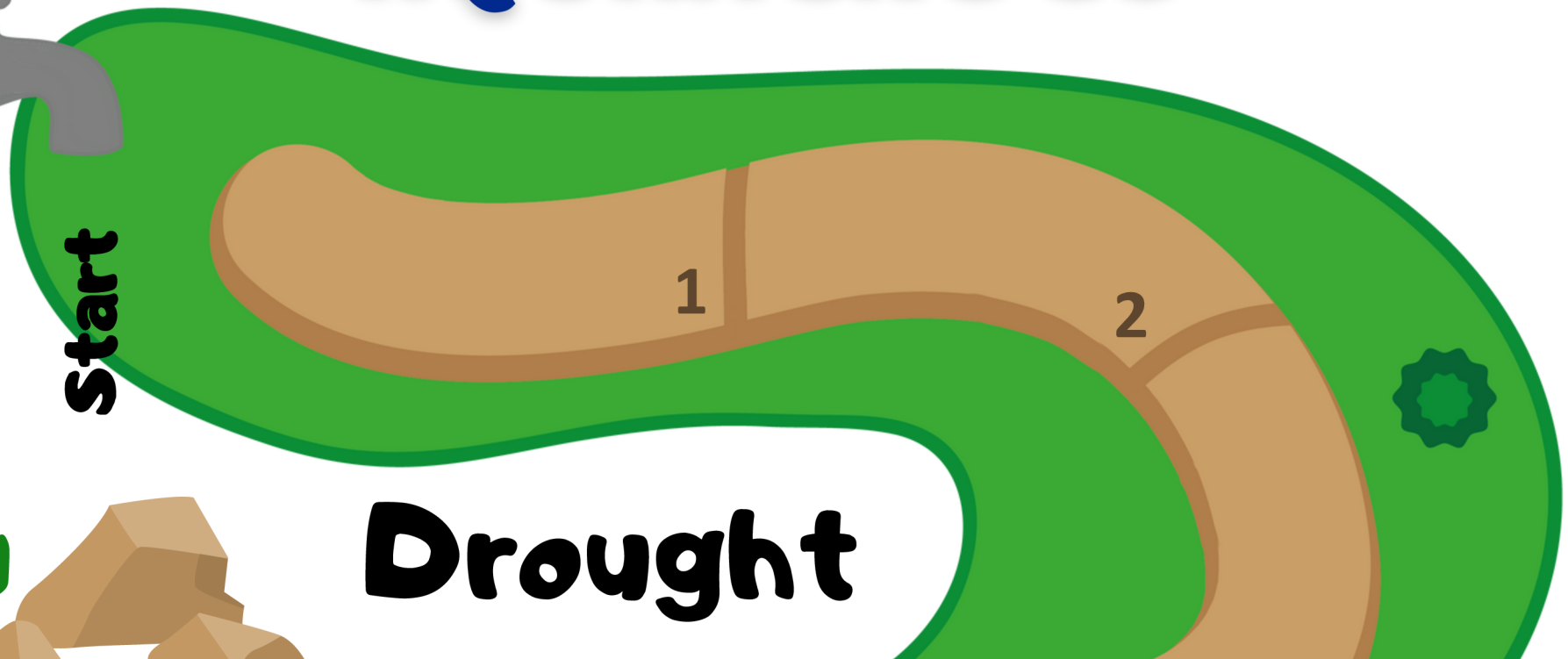
Level 3



AQUAHEROES



Start



Drought





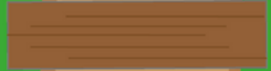
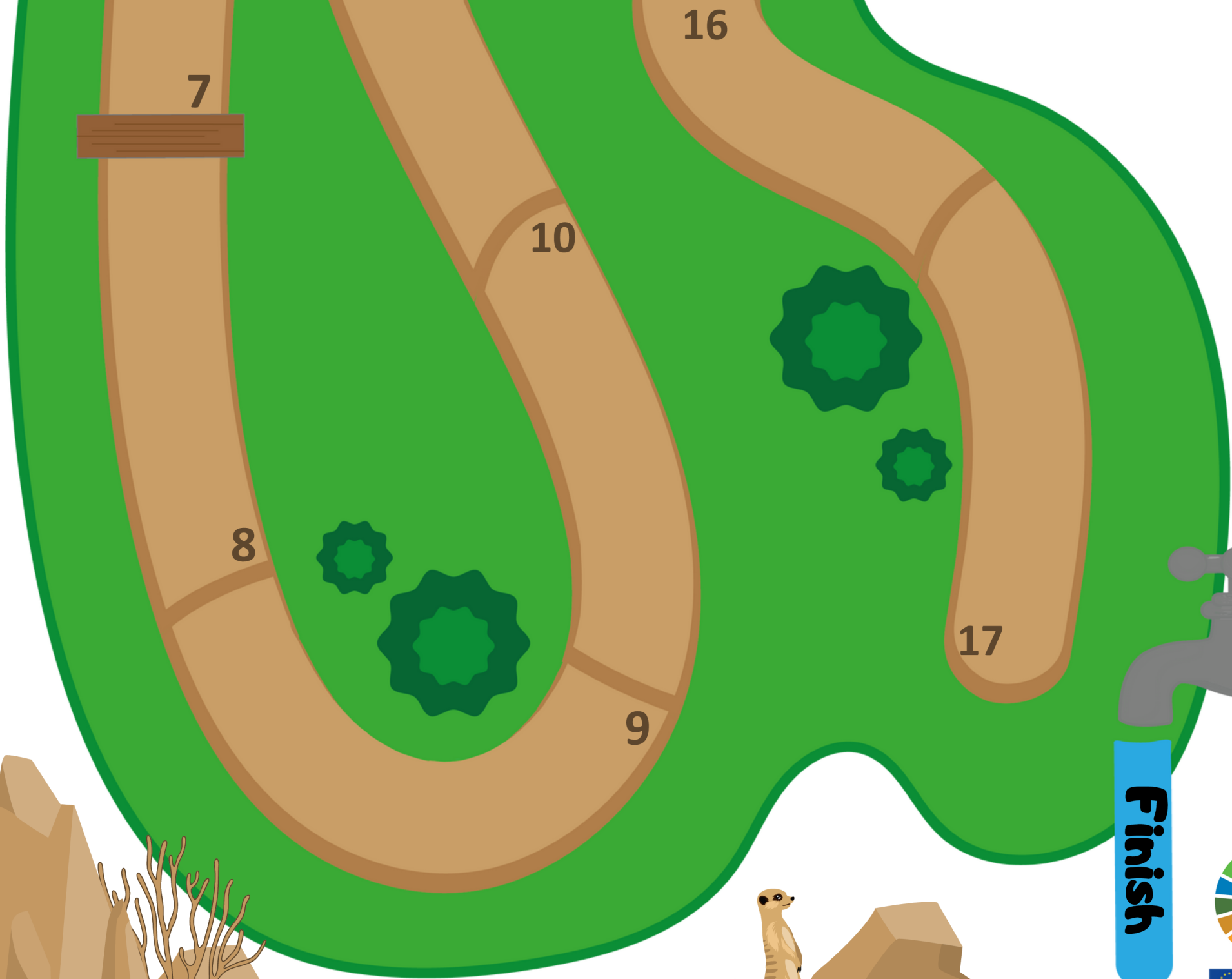
Mime/Dance

Drawing

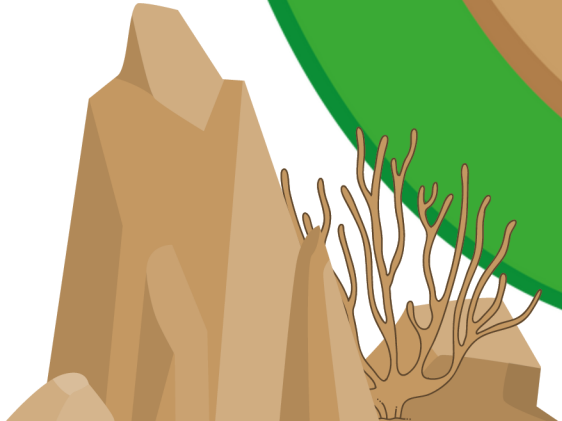
Memory

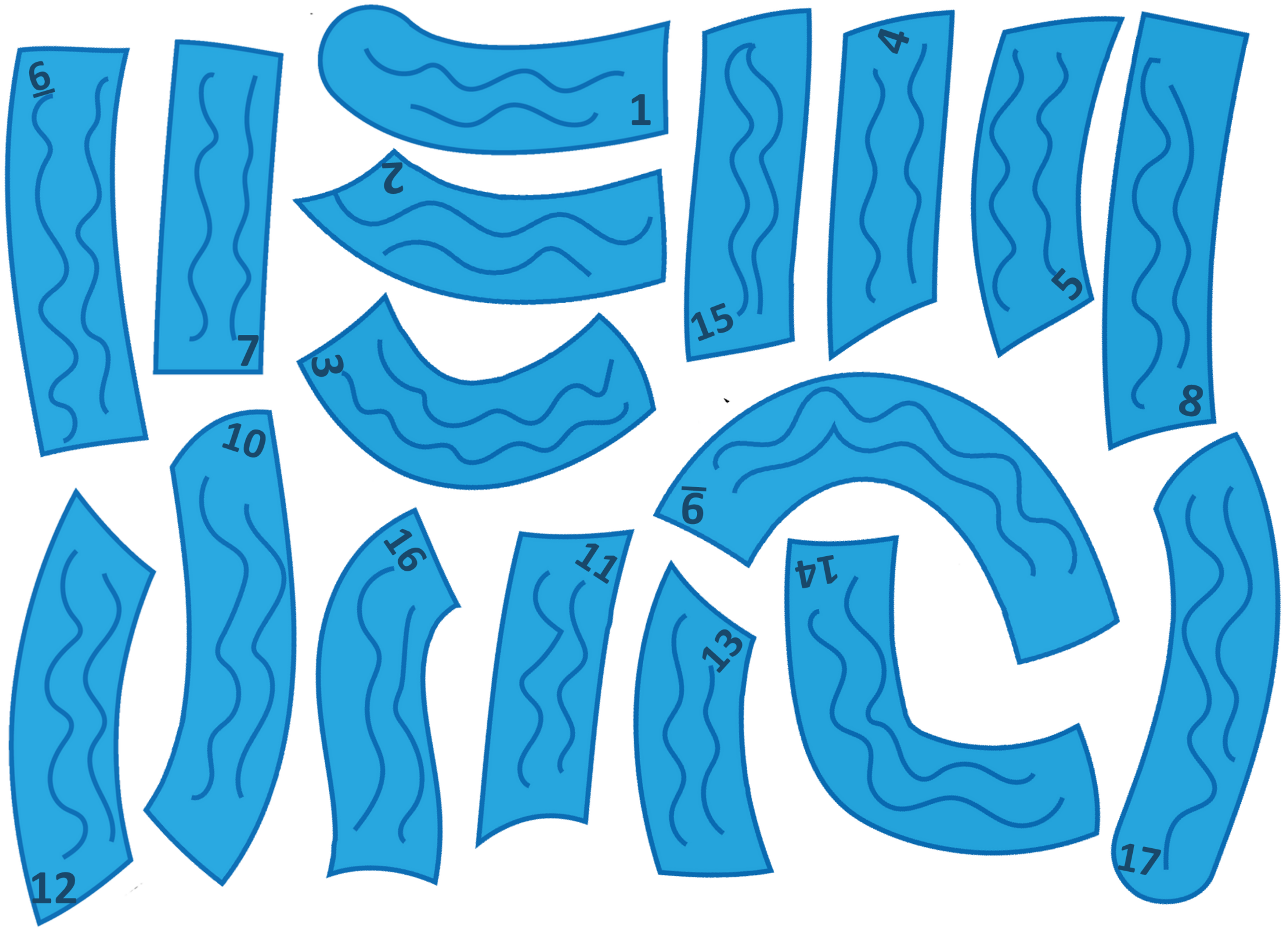
Quiz

Missing word



Finish





MIME OR DANCE

All players do a sitting rain dance



Level 1

MIME OR DANCE



MIME OR DANCE

Mime 'being thirsty'



Level 1

MIME OR DANCE



MIME OR DANCE

Mime 'watering plants'



Level 1

MIME OR DANCE



MIME OR DANCE

Mime a 'fish in a dried-out river' (that can't breathe)



Level 2

MIME OR DANCE



MIME OR DANCE

All players do a standing rain dance



Level 2

MIME OR DANCE



MIME OR DANCE

All players do a standing & singing rain dance



Level 3

MIME OR DANCE



DRAW

Draw a 'forest fire'



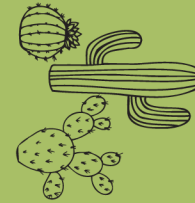
Level 1

DRAW



DRAW

Draw a 'cactus'



Level 1

DRAW



DRAW

Draw a 'well'



Level 1

DRAW



DRAW

Draw a 'dried-up plant'



Level 2

DRAW



DRAW

Draw a 'rainwater barrel'



Level 2

DRAW



DRAW

Draw a 'dried-out riverbed'



Level 3

DRAW



MEMORISE

Memorise these regions where there is drought: 'Sahel, India, Brasil, Mexico'.



Level 1

MEMORISE



MEMORISE

Memorise the kind of vertebrates that are threatened by drought (it's all of them!): 'frogs, birds, mammals, snakes, fish'.



Level 1

MEMORISE



MEMORISE

Memorise the food that needs lots of water to grow: 'chocolate, coffee, beef, pork'.



Level 1

MEMORISE



MEMORISE

Memorise the rivers threatened by drought: 'Po (Italy), Loire (France), Rhine (Germany), Danube (Hungary)'.



Level 2

MEMORISE



MEMORISE

Memorise the steps of the water cycle: evaporation, condensation, precipitation, collection.



Level 2

MEMORISE



MEMORISE

Memorise the foods that can grow without much water: brussel sprouts, artichokes, beetroots, chickpeas, lentils, onions.



Level 3

MEMORISE



MULTIPLE CHOICE QUIZ

Without eating or drinking, how many days can a person survive on average?

- 0
- 2 to 3 ✓
- 5 to 6



Level 1

MULTIPLE CHOICE QUIZ



MULTIPLE CHOICE QUIZ

What can people do to save water?

- * Not water grass fields ✓
- * Water vegetable gardens in the afternoon ✓
- * Not refill swimming-pools ✓
- * Wash their cars ✓






Level 1

MULTIPLE CHOICE QUIZ



MULTIPLE CHOICE QUIZ

Which of the following effects can be caused by droughts?

- *Plants can't grow ✓ 
- *Fires are more probable ✓ 
- *The soil can absorb water better
- *Industries can't function normally ✓ 

Level 1

MULTIPLE CHOICE QUIZ



MULTIPLE CHOICE QUIZ

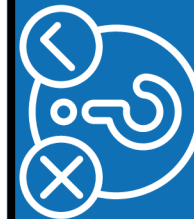
The European drought of 2022 was considered to be the worst in:

- *50 years
- *200 years
- *500 years ✓
- *2000 years




Level 3

MULTIPLE CHOICE QUIZ



MULTIPLE CHOICE QUIZ

Pick elements from the list that can cause droughts:

- *Climate change ✓
- *Deforestation ✓
- *Intensive agriculture ✓ 
- *Dry weather ✓
- *Dams ✓


Level 2

MULTIPLE CHOICE QUIZ



MULTIPLE CHOICE QUIZ

Choose possible unexpected results of drought in Europe from the list:

- *Difficulty to produce salt ✓
- *Delays for ships on the river Rhine ✓
- *More tourists
- *Ancient ruins emerge ✓ 


Level 2

MULTIPLE CHOICE QUIZ



MISSING WORD

Drought

is a long period of unusually low ......
that leads to a shortage of water.

sunshine? **rain?**



Level 1

MISSING WORD



MISSING WORD

A heatwave

is a long period of unusually
hot ......

temperatures? drinks?




Level 1

MISSING WORD



MISSING WORD

A desert

is a region of the world with very
low ......and where the population
is also low due to the climate.

rain ? temperatures?



*Note: There are temperate (Mongolia), cold
(Antarctica) and hot (Sahara) deserts.*

Level 1

MISSING WORD



MISSING WORD


The water table
is the .....up to where the
ground is filled with water.
surface? **level?**



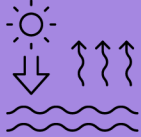
Level 2

MISSING WORD

MISSING WORD

Evaporation
is the process of turning from
.......... into steam.

water? ice?




Level 2

MISSING WORD



MISSING WORD

Soil permeability
Soil is made up of tiny particles.
Soil permeability means how easy
it is for water to..... it.
stream down? **flow through?**



Level 3

MISSING WORD



CHALLENGE CARDS RULES

MISSING WORD

- You read the definition sentence in white. The others guess the missing word between the two options in black. The correct answer is written in bold and has a validation sign!





CHALLENGE CARDS RULES

MIME OR DANCE

MIME OR DANCE

- **Mime** : You mime what's written on the card and the other children guess.
- **Dance** : Everybody does what is written on the card.



CHALLENGE CARDS RULES MULTIPLE-CHOICE QUIZ

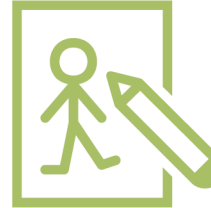


CHALLENGE CARDS RULES

DRAW

DRAW

- You draw what's written on the card and the others guess the word.



- You read the question and all the answers to the others. They have to agree on the correct answer(s). The right answer(s) are written in bold.

MULTIPLE-CHOICE QUIZ



CHALLENGE CARDS RULES

MEMORISE

MEMORISE


- You read and remember the list of words in your head. Then give the card to another player and show that you have remembered them all!



MIME OR DANCE

MIME OR DANCE


Level



MIME OR DANCE

MIME OR DANCE


Level



MIME OR DANCE

MIME OR DANCE


Level

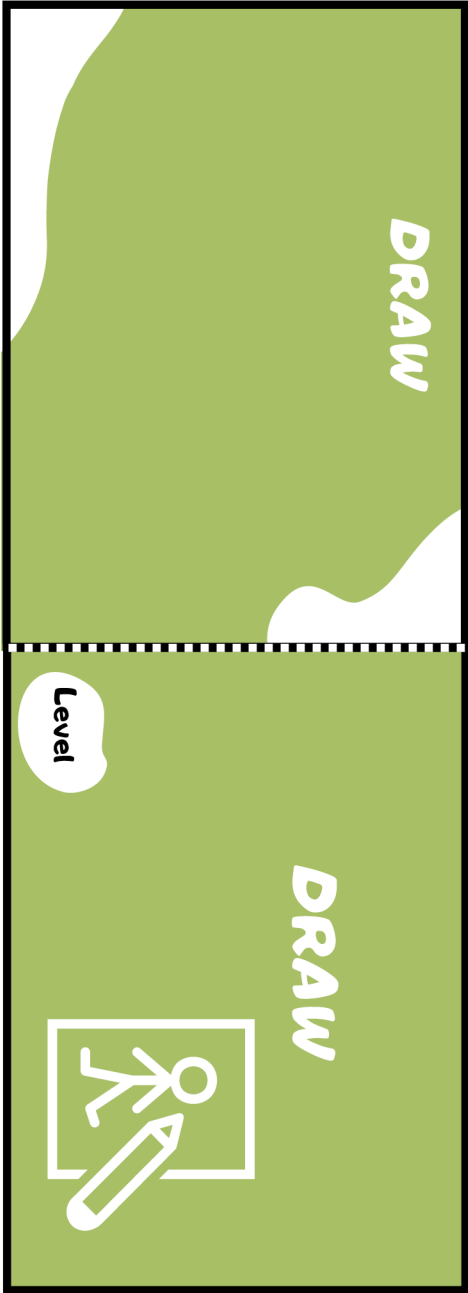
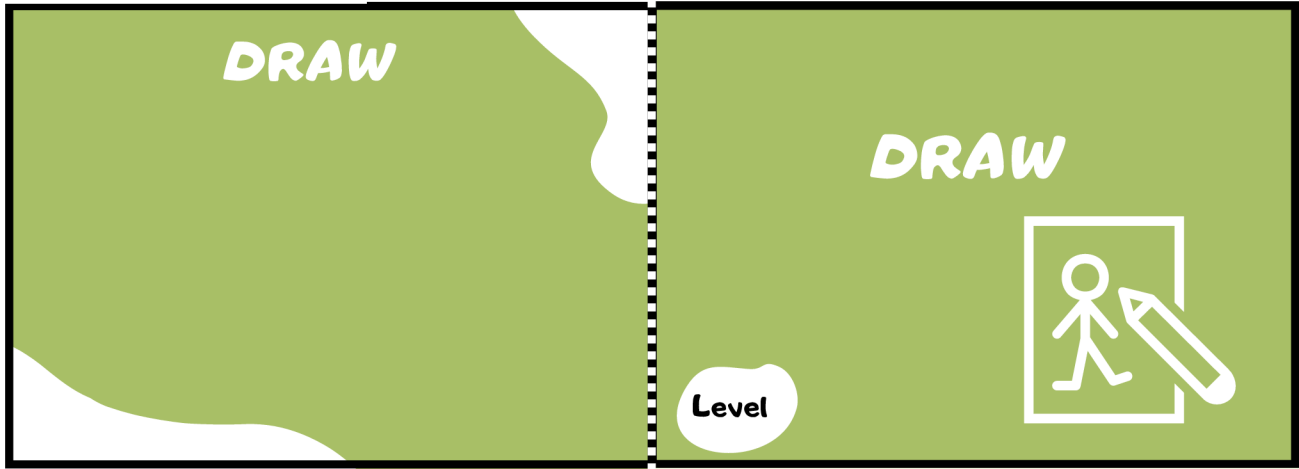
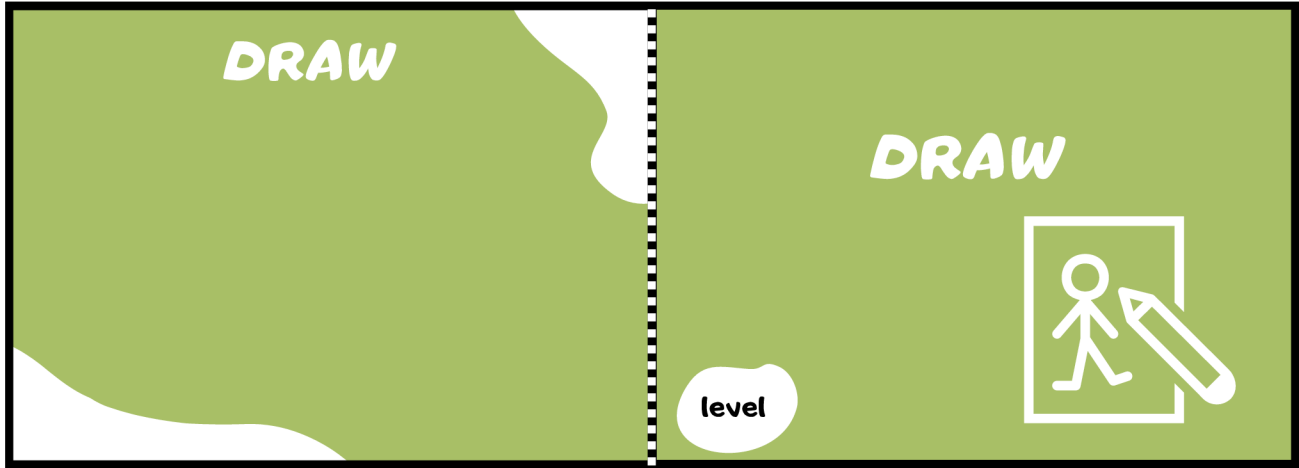
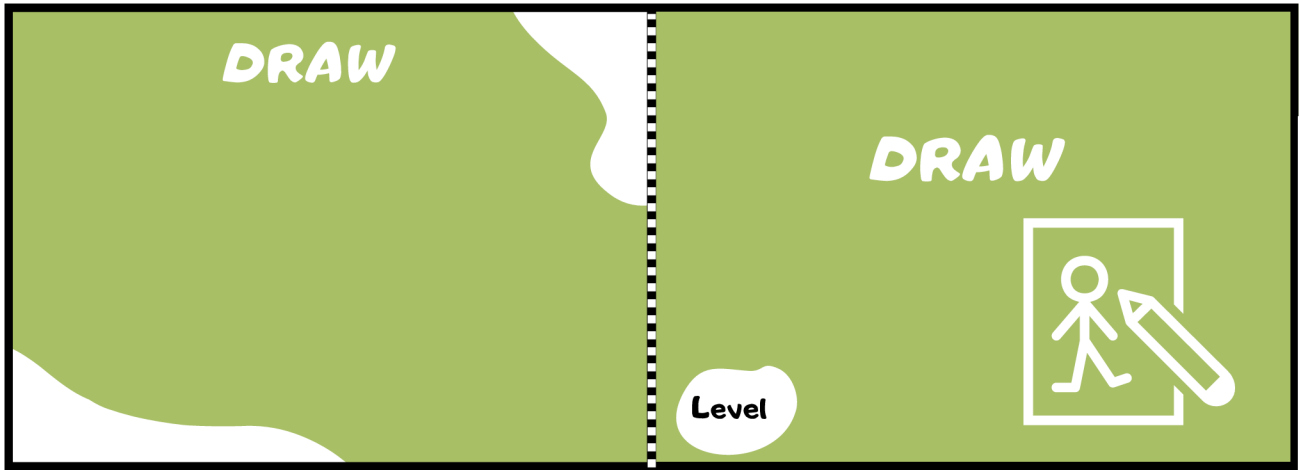


MIME OR DANCE

Level

MIME OR DANCE






MEMORISE

MEMORISE


Level



MEMORISE

MEMORISE


Level



MEMORISE

MEMORISE


Level



MEMORISE

Level


MEMORISE



MULTIPLE CHOICE QUIZ

MULTIPLE CHOICE QUIZ


Level



MULTIPLE CHOICE QUIZ

MULTIPLE CHOICE QUIZ


Level



MULTIPLE CHOICE QUIZ

MULTIPLE CHOICE QUIZ


Level



MULTIPLE CHOICE QUIZ

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MULTIPLE CHOICE QUIZ



MISSING WORD

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Level



MISSING WORD

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