



Water on the move:
slow the **flow**

Community
Action Challenge

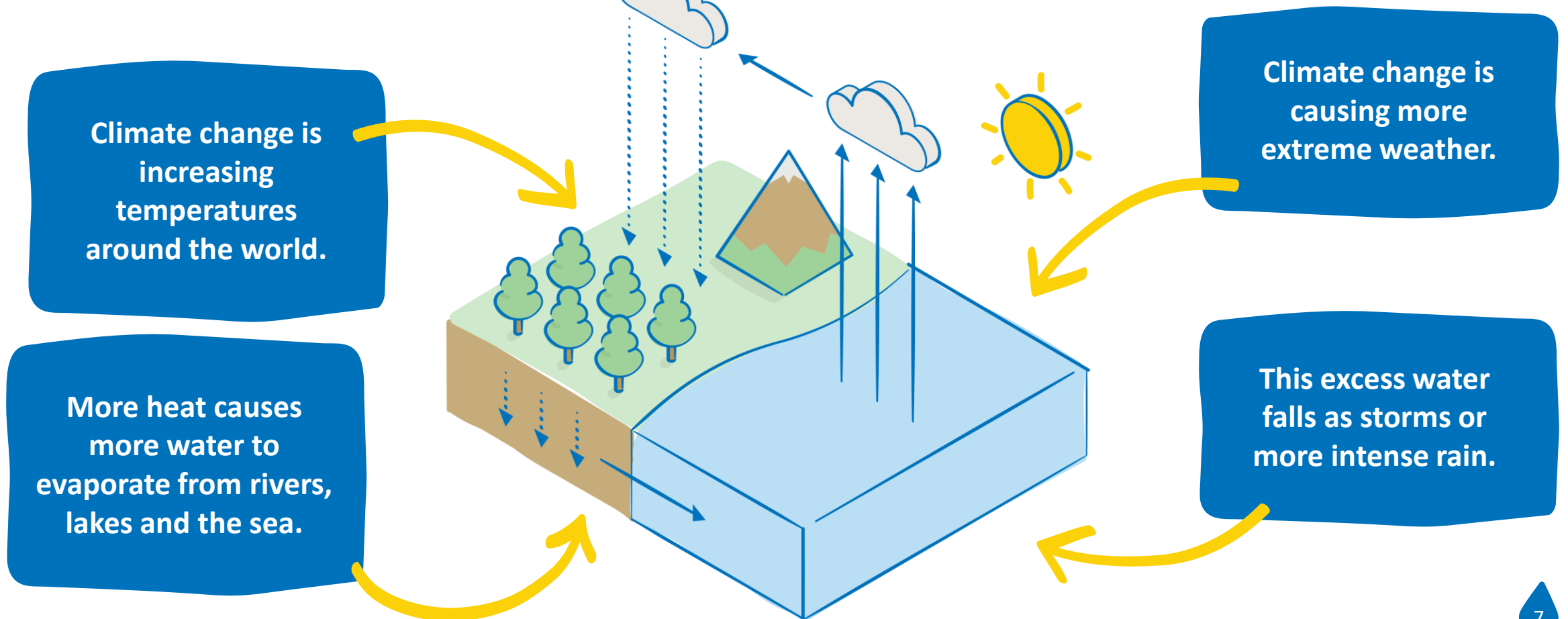
Learning outcomes

Pupils will:

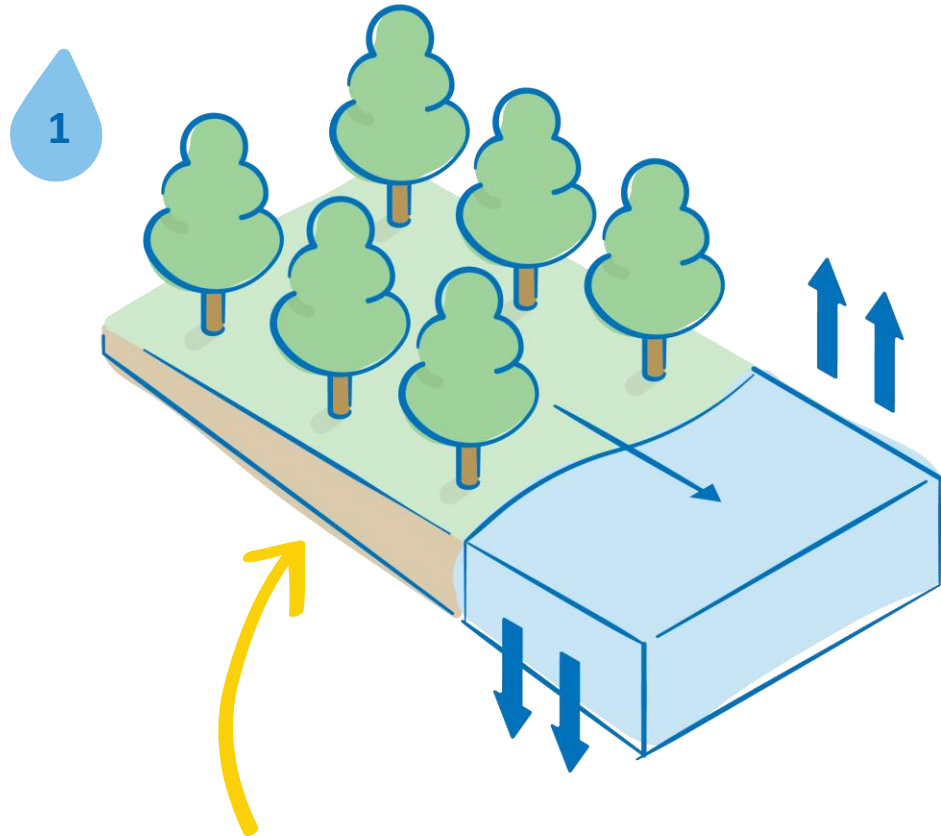
- List some reasons for and benefits of taking part
- Identify goals for taking action and plan their actions
- Take action and report back on impacts (at a later date).



Climate change is causing more extreme weather

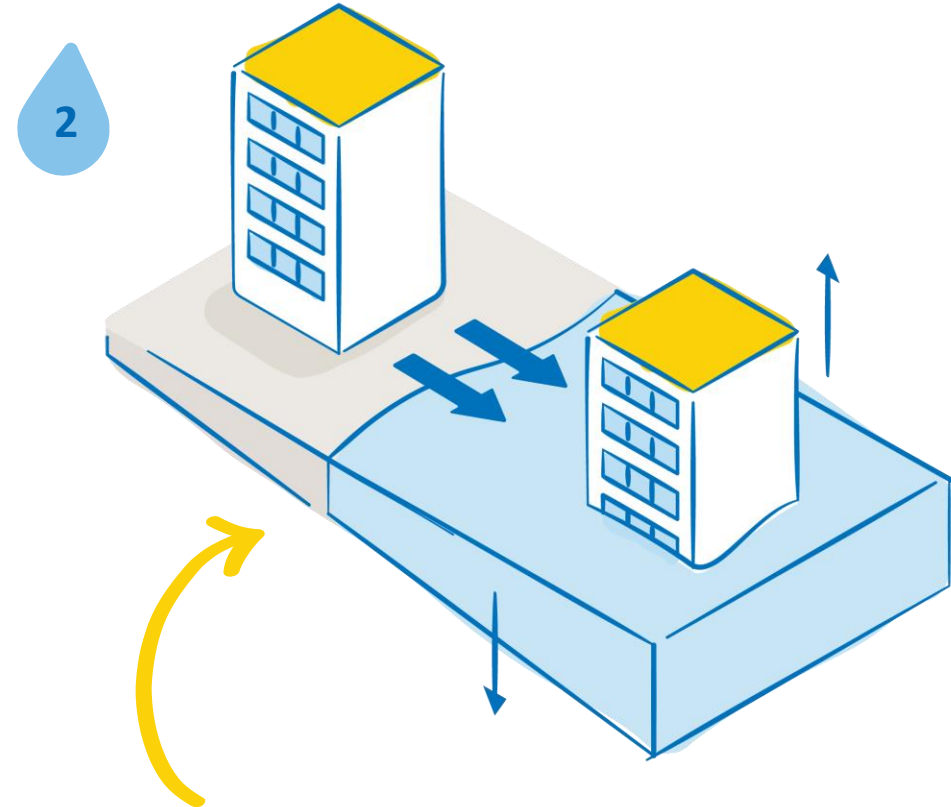


Urbanisation changes how water flows



Water can soak and flow away naturally

Flooding is rare



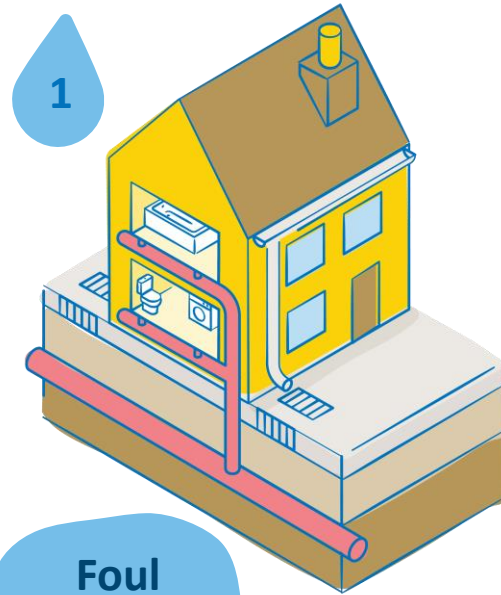
Water can't soak or flow away naturally

Flooding is more likely

Where does the water go?

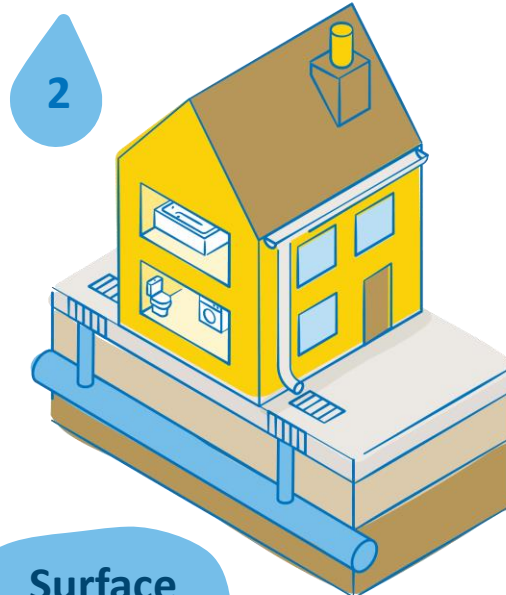
Urbanisation has disrupted the natural flow of water - how do we manage it now?

There are three different types of sewers: foul, surface water and combined.



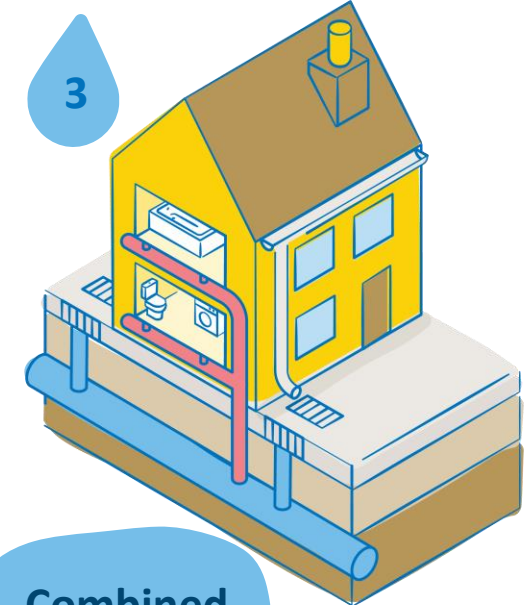
Foul Water

Dirty water from toilets, sinks and washing machines etc. goes into the foul water sewer and on to the Water Recycling Centre.



Surface Water

Clean water or rainwater goes into the surface water sewer which runs into rivers or the sea. This helps the environment.



Combined

Foul and surface water all join together in one sewer and go on to the Water Recycling Centre.

Sustainable Drainage Systems help water flow more naturally

More water can soak naturally into the ground, so flooding is less likely. More water is also stored to use in the future.

Lower water quantity

Higher water quality

Better for people

Better for nature

Less flooding means less waste and pollution will be carried into the natural environment.
Water in SuDS is filtered naturally.

Sewers are less likely to be overwhelmed, reducing local flood risk.

SuDS create natural spaces in urban environments which are good for people and nature. SuDS also reduce carbon emissions as less rainwater is pumped to and cleaned at Water Recycling Centres.

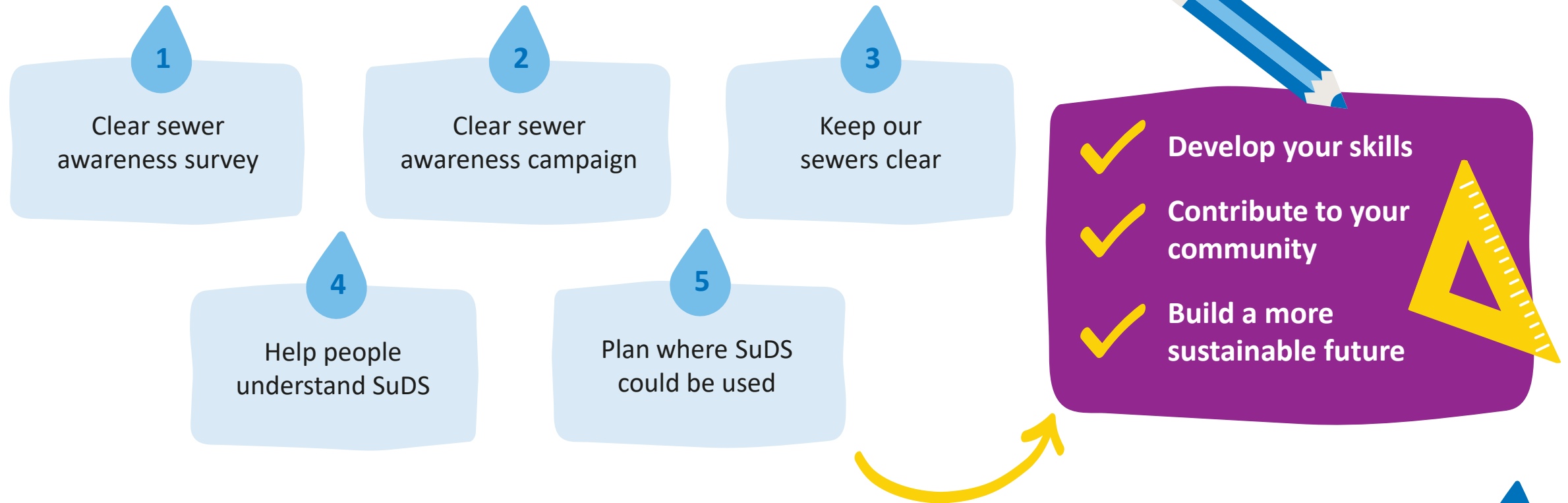
SuDS and sewers work together



The Community Action Challenge

We all need to use water responsibly.

Take our five step **Community Action Challenge** and help everyone to love every drop!



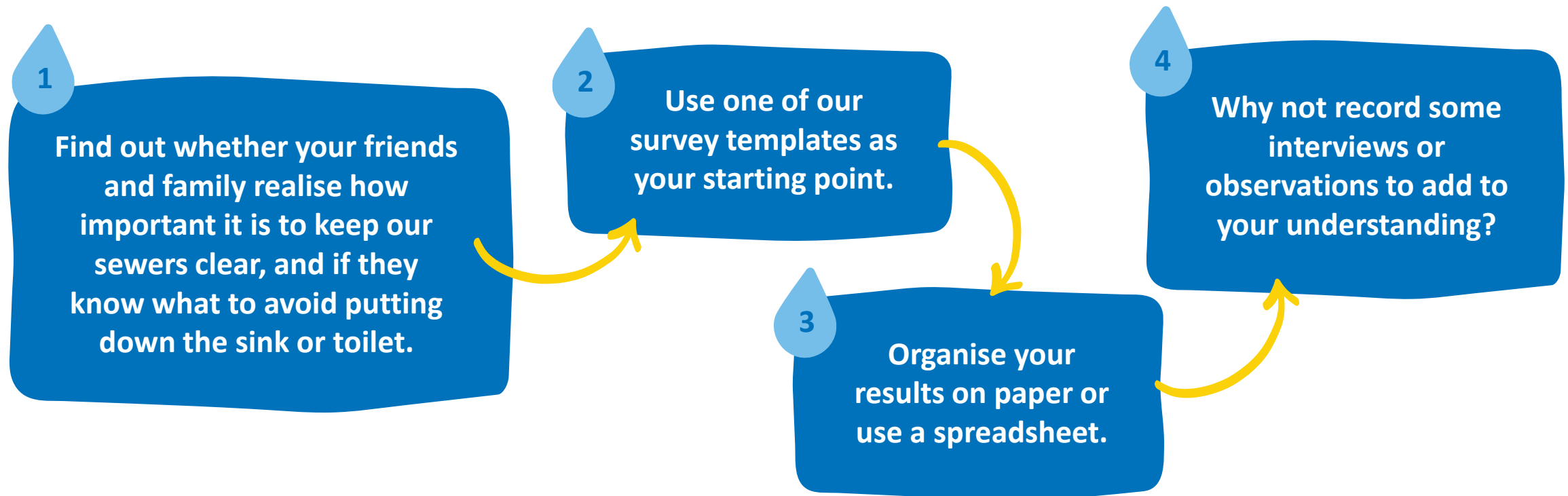
What we're going to do



Here's how we're going to take the Community Action Challenge.

Step 1: Clear sewer awareness survey

Remember that our used water needs to be able to flow back to our [Water Recycling Centres](#) so it can be cleaned and returned to rivers and the sea.



Think about how you could present your results and how you will use them to choose your messages for your clear sewers campaign.

Step 1: Challenge goals

Level 3

Plan and use your own survey or include extra observations with survey 2.



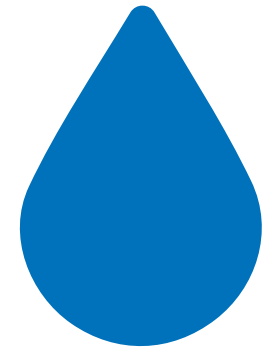
Level 2

Use survey 2 with 20 friends and 10 adults and use a spreadsheet to gather and present your results.



Level 1

Use survey 1 with 10 friends and 2 adults.



Step 2: Clear Sewers Campaign

A clear sewers campaign can help people understand why it's important to avoid putting certain things down the sink, toilet or drain, and gives them easy-to-use tips to remember.

Plan a campaign to help your friends and family to always avoid putting the wrong things down the sink or toilet at home and keep litter out of sewers when out and about.

Include ideas that tell people what they need to know - what does your survey tell you?

Choose some creative ways to share your ideas, like a leaflet, posters, stickers, video clips, presentation slides or an assembly.

Think about how you'll share your ideas and how you'll help people to keep doing the right thing.

Before and after versions of your survey could help you see how well your campaign has worked!

Step 2: Challenge goals

Level 3

Include an assembly or video clips in your campaign and carry out an end of campaign survey.



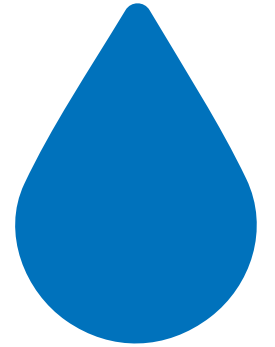
Level 2

Include a presentation in your campaign and target both pupils and family members.



Level 1

Create a leaflet and poster with at least 3 ideas to keep sewers clear.



Step 3: Keep our sewers clear!

When we're careful about what we put down the drain at home, we help to create a better water system and a more sustainable future. Lots of small changes can add up to a big improvement across the Anglian Water region!



Step 3: Challenge goals

Level 3

Use template 2 before and after your campaign and create charts to illustrate the behaviour change you achieve.



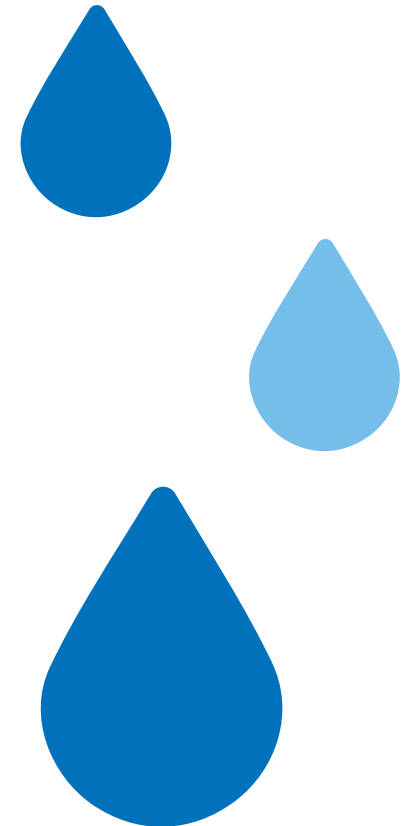
Level 2

Use template 2 to record your family's habits for at least 6 weeks. Convert this to a spreadsheet.



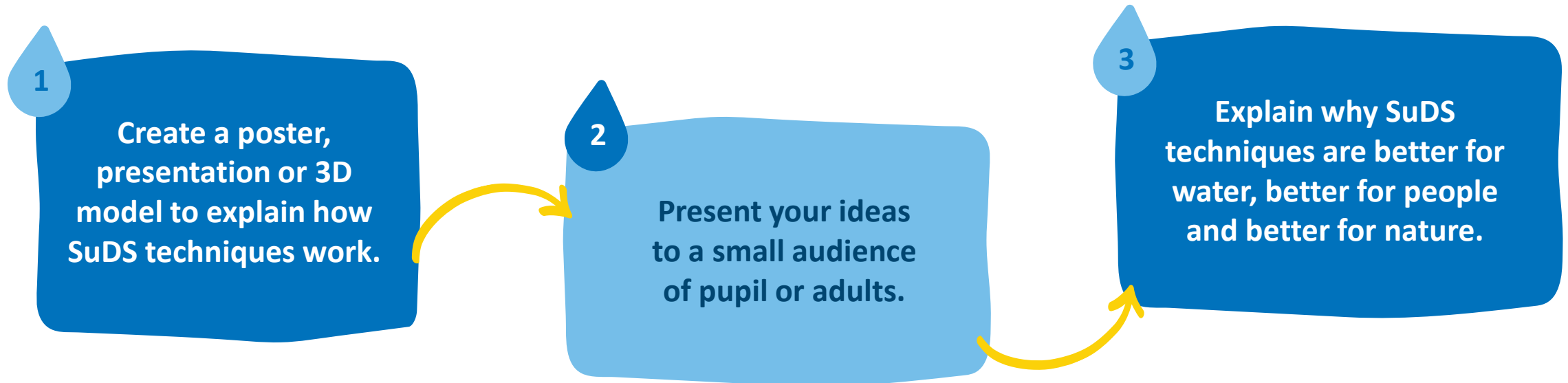
Level 1

Use template 1 to record your habits for at least 6 weeks.



Step 4: Help people to understand how SuDS techniques work

SuDS techniques manage rainwater so sewers and rivers aren't overwhelmed. **SuDS techniques** will become more and more common as we adapt our urban and rural environments to be more climate-resilient, so people will see their environments change whether they live in a city or a village.



Step 4: Challenge goals

Level 3

Link your explanation to increasing urbanisation, the water cycle, and climate change's effect on the weather.



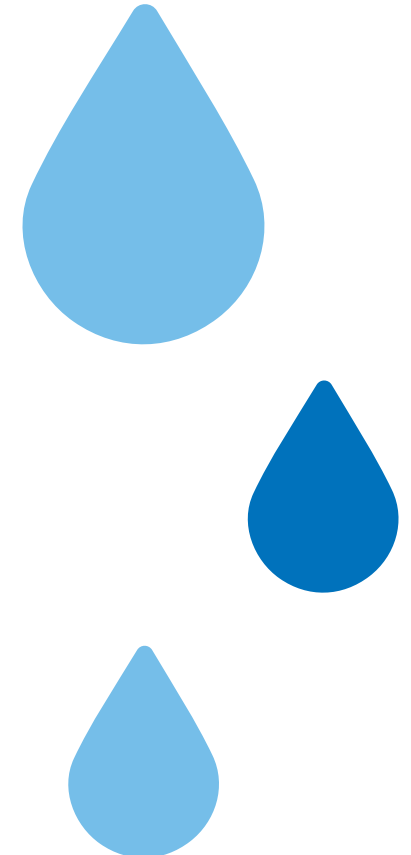
Level 2

In your poster, presentation or model, also explain some ways in which SuDS techniques work by copying nature.



Level 1

Create a poster, presentation or 3D model to explain how SuDS techniques are better for water, people and nature. Present your ideas to a small audience of pupil or adults.



Step 5: Plan where SuDS techniques could be used to help your school or community

SuDS techniques can help wherever too much water collects after heavy rain. This might be an urban space, a green space that floods, like a park or field, or a rural location.

1

Can you think of anywhere in your community where a lot of water collects after heavy rain?

Think about how your chosen site will also become better for people and for nature.

2

Ask adult members of your family for ideas.

3

Use online mapping or search local news sites to identify where SuDS techniques might help.

4

Sketch how you would use SuDS techniques to copy nature to store, filter or allow water to seep into the ground, so it flows more naturally and slowly.

Step 5: Challenge goals

Level 3

In addition, identify 3 possible locations and explain which is most important or will benefit the most from SuDS techniques.



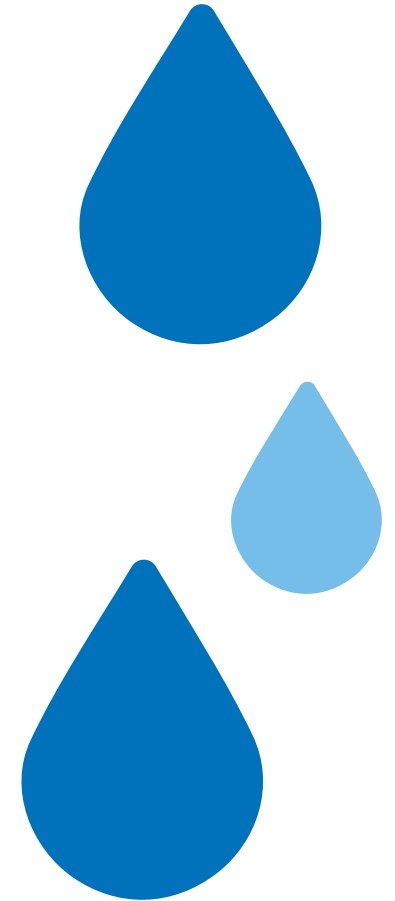
Level 2

Give reasons for your location and sketch a side and plan view of how you will use SuDS techniques.



Level 1

Identify one location and create a sketch of your idea to use SuDS techniques.



Take action together

Work in teams to carry out the **Community Action Challenge**.



1

Create your action plan

Agree your goals

Break each goal into steps or tasks

Agree:

What needs done?

What will you need?

Who will do this?

Who can help you?

When will you do it by?

2

Use your skills

Who might be best for each task?

Are you a:

Planner

Organiser

Hands-on maker

Communicator

Leader

Logical

Creative?

3

Work as a team

Share the work

Help each other

Listen

Focus on your goals and actions

Be positive

What happens next?



Here's what you need to do next as you take the Community Action Challenge!

Be a part of something important

Here at **Anglian Water**, we understand the challenges of flooding in our region and that's why we never stop looking for ways to invest in the future of water for our region and generations to come.

1

We all need to adapt to a changing climate.

3

Using water responsibly and taking care of our sewer systems is more important than ever.

2

Take the Community Action Challenge and help everyone in our region to enjoy a more sustainable future.

- ✓ Develop your skills
- ✓ Contribute to your community
- ✓ Build a more sustainable future