

Foundation to Year 4

Geography | Science | Sustainability - VCSSU046 | VCSSU075 | VCGGK082

Describe how resources such as water is transferred from its source to its point of use and consider what might happen to humans if there were a change in the availability of water.

Resources

- [Where does rain come from?](http://abc.net.au/education/for-the-juniors-where-does-rain-come-from/13633560) - ABC Education
- Urban water supply flow chart and worksheet
- Urban water cycle presentation
- Urban water cycle model materials - pipes (straws, pipe cleaners), town (blocks), water treatment building (box), sewage treatment centre (different box), water (blue cellophane)

Outline (60 minutes)

1. Why do we need water?

- Brainstorm how and why we use water.

2. Watch the ABC Education video *Where does rain come from?*

- Discuss and annotate drawing on board.

3. Where does our water come from?

- Identify different sources of water - groundwater, roof water, freshwater, rivers.
- Worksheet - connect sources to words.
- Draw a diagram of water source to tap process & discuss.

4. Urban water supply activity

- Build a model to demonstrate how water travels from the source to the treatment facility before its distributed to the community for use.

5. Urban water supply flow chart and worksheet

- Re-create the process of the urban water cycle with a cut and paste worksheet.

