# Activity: Sewage, sewerage and the sewage treatment plant (Years 3 and 4)

What ends up at the sewage treatment plant?

|  |
| --- |
| **Victorian Curriculum F–10[[1]](#footnote-1) links:**  **Science**  **Levels 3 and 4**  **Science Understanding**  **Science as a Human Endeavour**  Science knowledge helps people to understand the effects of their actions  **Chemical sciences**  Objects are made of materials that have observable properties  **Earth and space sciences**  Earth’s resources are used in a variety of ways |

Students create a social message on ‘What should or should not be put into the sewerage system’.

## Duration

One double session

## Activity steps

1. As a class, view the video **Where does wastewater go?** [3.43] on the [ABC Splash website](http://splash.abc.net.au/home#!/media/524873/).
2. In pairs, students discuss the video and decide on suitable descriptive words to be added a sewage treatment plant word bank. Students use a range of dictionaries to check spelling accuracy.
3. Using the words suggested by the students display the class sewage treatment plant word bank.
4. Student pairs then discuss the consequences of putting different the types of materials into the sewerage system–for the treatment of sewage and for the environment. Discuss with students why sewage goes to the plant. What happens there? Using the word bank, students develop a social message about what should or should not be put into the sewerage system.
5. Share messages. Students evaluate the messages for:

* accuracy and meaningfulness
* best use of descriptive words from the word bank.

1. Creative Commons Licence Victorian Curriculum and Assessment Authority (VCAA) <<http://victoriancurriculum.vcaa.vic.edu.au/>> Accessed 14 August 2016. [↑](#footnote-ref-1)