

Outline of day visit to Anglian Water Education Centre Chelmsford Water Recycling Centre

LEARNING OBJECTIVES:

- *To understand that Anglian Water is a water company responsible for drinking water and recycling sewage water in the East of England and the importance of the water cycle in this process.*
- *To understand what sewage is and where it comes from and why we need to treat it.*
- *To understand the importance of being sewerwise.*
- *To learn that micro-organisms clean sewage water*
- *To understand what being 'waterwise' means and why it is important*

OUTLINE OF VISIT

**Please note all timings are approximates. This may change due to weather and site*

10am Arrival	Greeted at entrance to Water Recycling Centre by Community Education Manager. Visitors disembark coach with all their belongings. Coats and lunches to be left in the cloak room and wellies in the silver baskets on tables.
10.05 Introduction	Introduction to Education centre, toilets, safety notices etc. Aims of the day for pupils. Introduction to who Anglian Water are and what our job is. Where we get the water from to send to our 6.1 million customers and how this is linked to the water cycle. discussion of the process of the water cycle - key vocab. Evaporation, Condensation, Collection.
10.30 Sewage soup	What is sewage and where does it come from? Making sewage soup. some of the ingredients of sewage and thinking about what happens to them in the sewers. Also includes science - dissolving, separation, soluble solutions
11.00 Preparation for site tour	Preparation for site visit - Health and safety briefing
11.15 Snack	
11.30 Tour of STW	
12.20 Post tour	Change shoes, clean hands and tables

12.30 Lunch	Also five minutes before the end of lunch.
1.00 Micro-organism activity	Micro-organisms Learn what micro-organisms are and the good ones we use to clean the sewage. Using a digital microscope have a look at the hidden world. Draw or model the micro-organisms in sewage.
1.40 Waterwise	Why should we save water? What can you do to save water at home or school? * link to eco schools
1.55 Closing	Recap objectives and give our take homes
2.00 Depart education centre	
2.30 finish means we can spend more time on the activities through out the day especially the practical activities in the afternoon. Plus using Water Saving snakes and ladders.	

