# Jacobs

## **Ecologist**

- An Ecologist studies the relationship between plants, animals and the environment.
- Ecologists help to protect and restore the natural environment and try to stop negative impacts from humans.
- Ecologists go out into the field to record information on biodiversity and monitor environmental conditions. They often also use computer modelling.

## Archaeologist

- An Archaeologist studies historical documents and artifacts to understand history and culture.
- Archaeologists help to find areas containing artifacts, make sure these are safely removed during 'archaeological digs' and then study the artifacts discovered.
- Archaeologists also try make sure that any construction activities planned will not damage any sites of historical interest.

### **Flood Engineer**

- A Flood Engineer looks at ways to reduce flood risk and the impacts of flooding on homes, businesses and communities.
- Flood Engineers will monitor, forecast and warn about any changes in flood risk.
- Flood Engineers design defence structures to try to control or divert the water that causes flooding.

### **Town planner**

- A Town Planner helps to decide on the best way to use town space, to balance the needs of the community, businesses and the environment.
- Town Planners help make decisions about how and where things should be built and what they should be used for.
- Town Planners aim to make sure everyone has access to quality facilities they need, like homes, jobs, hospitals, schools and green space.



