

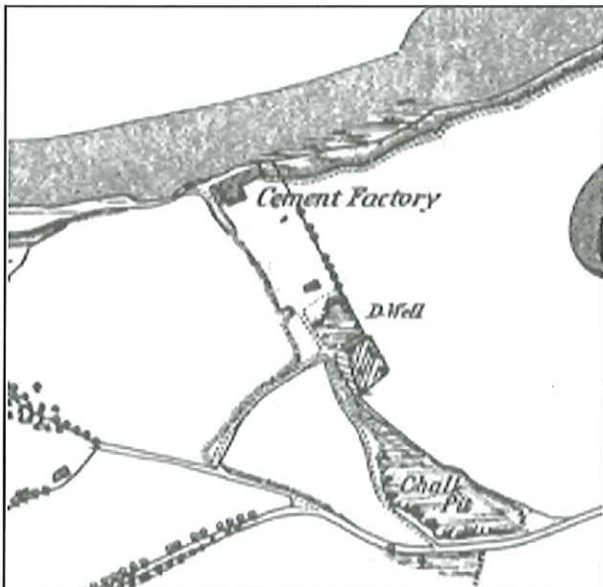
1. **C**ement has been used for thousands of years to stick parts of buildings together. In Victorian times a new kind of cement was made in Medway and it became famous.

Find the bulldog advert.

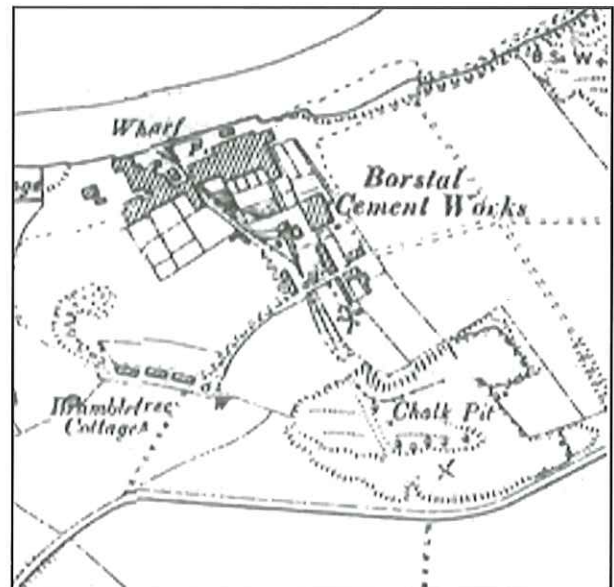
Why do you think this factory used a bulldog as their badge?
(look at what the dogs are doing)



2. **T**his cement was called **Portland Cement** because it looked like the best Portland stone for building.



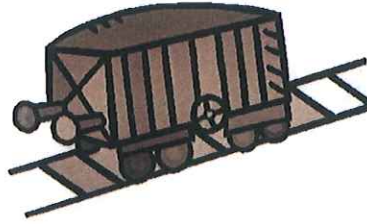
Borstal cement factory in the 1860s



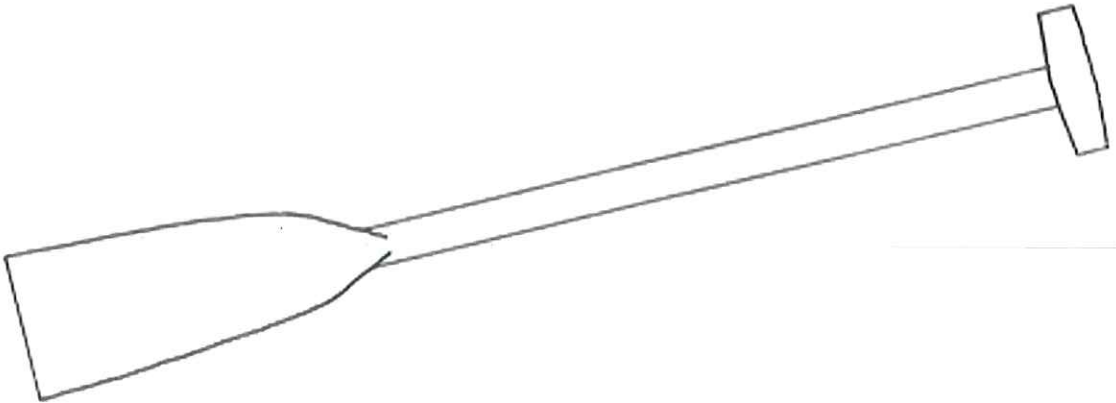
Borstal cement factory in the 1890s

Look at these maps and write down one of the ingredients of Portland Cement.

3. **W**hat did people use in Victorian times to get this material and take it to the factory?
Circle the right pictures below.



4. **T**he second ingredient was mud. This was dug out of the river bank by teams of Medway Muddies. Find the **fly tool** under the bulldog.



Draw on the picture the iron that covers the end. Why is it made like this?

Why not make the whole tool out of iron?

5. Go up the red stairs to the Medway Room to find out how the mud got to the factory.

Find **Sherwin** the barge. This can hold 100 tons of mud. The barge captain would meet the Muddies and sail his barge onto the mud at about high tide. The water would go out and the barge would be stuck. The Muddies would dig quickly to fill the barge with mud before the tide came back in again and floated it off. A team of ten Muddies could fill two barges in one tide: about a ten hour time period.

Do a sum to find out how much mud one Muddy could dig per hour: ____ tons/hour