

## Worksheet 2 -Home-Made Rocks (Use eye protection)

Pretend that a big fish, called a ray, is chewing up your broken shells and spitting the bits out onto the sea bed.



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Stand a large weight in a plastic tray. Put the broken shell bits onto the large weight and then use the small weight to crush them smaller. This shows how the ray's teeth would grind down the shell bits to powder. (We shall give you some shell powder, later to save your time.)

Now, make your own "limestone" as follows:

Put the shell powder in a plastic cup and stir in some Plaster of Paris.

Add a little water (but don't add too much!).

Scoop it into a syringe (with the nozzle cut off).

Put the open end of the syringe on a paper towel and press the plunger in hard to squeeze out some of the water.

Carefully push the pellet out onto a piece of paper and leave it to dry.

