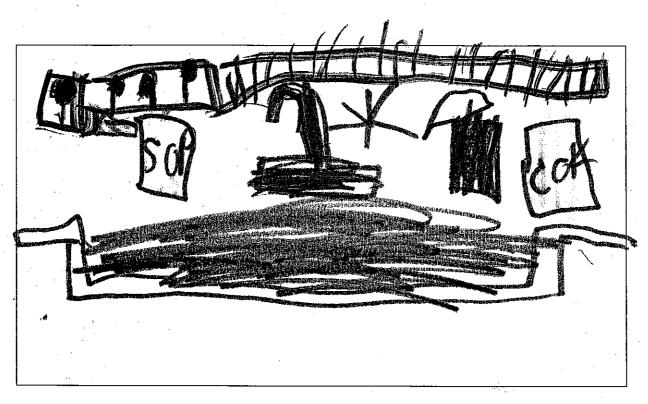
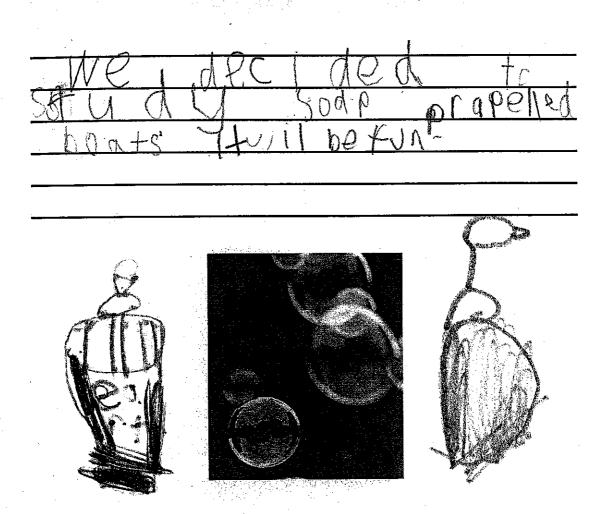
SELF PROPELLED BOATS



A SCIENTIFIC INVESTIGATION BY



Why did we choose to study soap propelled boats?



What question did we choose to study?

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Important steps in our experiment.

We all designed a boat and trialled it.

We decided we needed a simple design with a keyhole at the stern.

A simple, sleek design was selected. About 100 copies were made.

The boats were carefully cut out.

We decided upon our question.

Everyone predicted which "liquid fuel" would be the best.

The sink was cleaned before every trial.

The water was measured to make sure it was always 2cm deep.

The water had to be settled and still.

The boat was gently placed at the starting line.

Using an eye dropper, 2 drops of liquid was inserted into the keyhole.

We timed the boat's movement for 15 seconds.

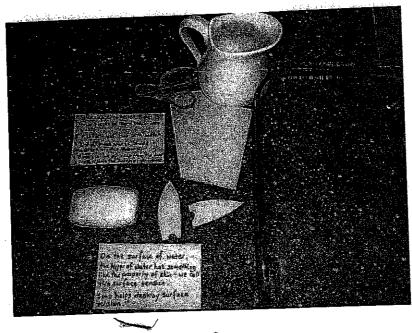
The distance was measured and recorded.

We graphed our results.

We compared our predictions with the results.

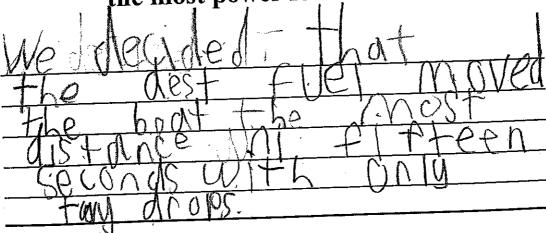
Which detergent did I think would be the best? Which detergent did the rest of the class think would provide the most power? Hand. SOAP O

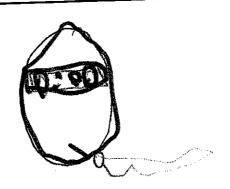






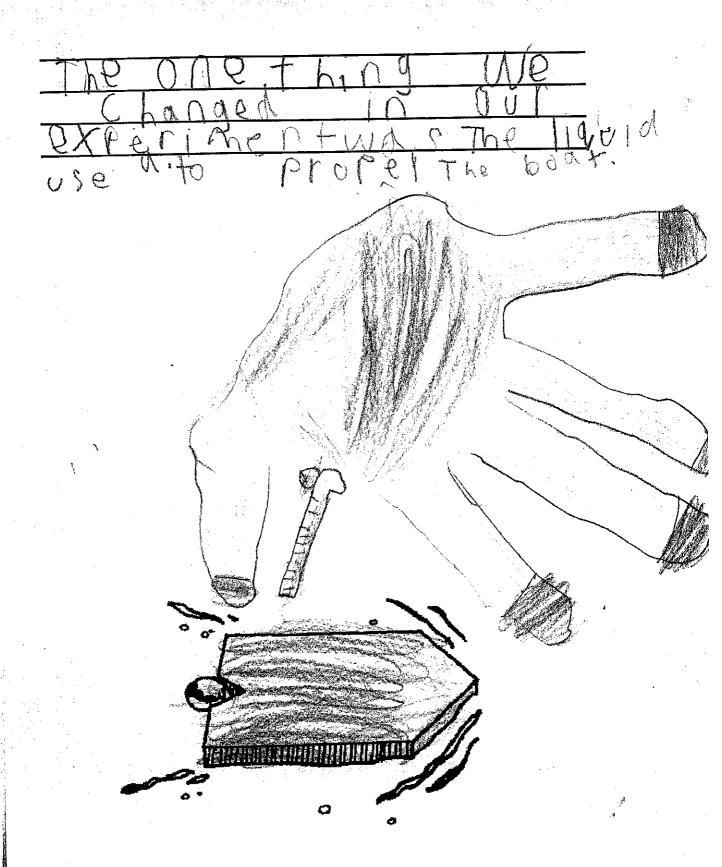
How did we work out which detergent provided the most power for the boat?





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What was the one thing we decided to change?



What did we have to keep the same?

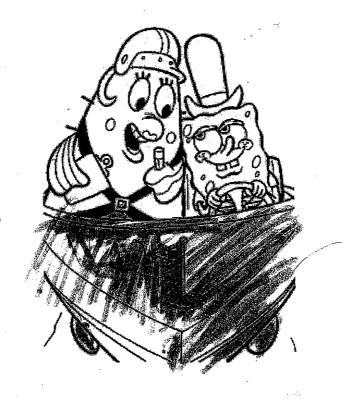
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Which detergent powered the boat the furthest distance?

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