

Water Force Challenge!

Water chutes are fun - but what can you discover about their speed?

Student Introduction

- ▶ At Blackgang Chine you will see three water chutes.
- ▶ Two are uncovered and one is covered.
- ▶ Using science, design your own experiment to work out which is fastest and why!



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find out if there is any difference in the speed between the chutes, and if there is, why?

- » There are many variables you could experiment with. Write down three variables that could be investigated:

- 1.
- 2.
- 3.

- » Having decided which variable to investigate, you should now think about how. Note ideas below:

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-
-

» What equipment will you need? List below:

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-
-



» Write down a method for your experiment:

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» How will you record your results?

Don't forget to do each experiment 3 times and average your results for more accuracy.

Findings

Present your findings below, with explanation:

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