

Design a Sleigh!

Amazing Fact

Scientists have decided that as Rudolph the Red-Nosed Reindeer is usually shown with a handsome pair of antlers, 'he' must be a 'she.' Male reindeer shed their antlers at the end of the Autumn mating season and only the females have theirs at Christmas!

Challenge

Santa is feeling that his sleigh is rather dated and would like a new, modern and sleek version.

Design a new sleigh for Rudolph and his crew to pull at Christmas time this year.

Sketch your design in the box on the next page and label its materials and key features.

Think carefully about:

- ensuring Santa has protection from the elements;
- the high speeds which need to be reached;
- the importance of aerodynamics;
- the safety of the presents.



You could also try to find out:

- about the natural habitat of the reindeer;
- why female reindeer are special;
- what reindeer use their antlers for;
- about Dukha reindeer herders from Mongolia.

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