

Straight lines

CLI Products

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Straight lines is built around six modules each representing a key concept. The modules contain learning tasks which help students to visualise mathematical ideas and to solve problems.

In *Straight lines* students explore and learn through the use of graphics calculators and online tools. They are asked to simulate or modify gradients and intercepts to investigate features of straight lines. The resource is ideally suited for classroom teaching and individual learning.

Students at Stage 5 level explore coordinate geometric concepts in this lively multimedia resource, *Straight lines*. They learn the concepts of ordered pairs, gradients and linear equations by undertaking interactive tasks and by exploring text and graphical content. Special features include:

- carefully constructed tasks and feedback which help students learn basic and advanced ideas
- text content that can be printed to reinforce learning
- cartoons which engage students and help them relate concepts to real-world contexts.

To access *Straight lines* search the Teaching and Learning exchange (TaLe) <http://www.tale.edu.au> (DET access only).

“Excellent site ... It’s all pretty cool and good”

– NSW Year 10 students



The visual design and presentation of the resource will strongly appeal to junior high school students. Cartoons create humour and enjoyment, while giving important cues for learning.

Enquiries

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