**Lesson Element 7.04b Gradients**

Create picture cards, showing things where the idea of gradient is important. These should include a mixture of…

* real word images, such as rollercoasters / road signs showing gradient / steps / a flat path,
* mathematical images, such as graphs / a table of coordinates of a straight line / a table of measurements of height and distance.

Ask students to arrange the cards in order, starting from the one that they think has the smallest gradient and ending with the largest gradient.

How they can compare the gradients?

What information would help?

What happens to the angle between the horizontal and the line of the slope as the gradient increases?