

### Cubic graphs

- Look at this graph of  $y = x^3$ .
- Investigate the gradient of the curve in the same way as for the quadratic graph.
- Describe what happens to the gradient of the curve as  $x$  increases. Compare what happens for  $y = x^3$  with what happens for  $y = x^2$ .
- What happens for graphs of the form  $y = x^3 + c$ ?

