



## Sciences

Gifted scientists are likely to show competence in a wide range of areas, such as linguistic, logical-mathematical, visual-spatial, kinaesthetic, and sometimes interpersonal skills.

Pupils who are gifted in the Sciences are likely to:

- see the relevance of what is learned in situations outside the classroom
- be imaginative
- read widely, particularly science or science fiction
- have the capacity to leap ahead, jump steps in an argument and be able to detect faulty logic
- have scientific hobbies and/or be members of scientific clubs and societies
- be extremely interested in finding out more about themselves and things around them
- have a desire to quantify results by counting, weighing or measuring
- enjoy researching obscure facts and applying scientific theories, ideas and models when explaining a range of phenomena
- be able to sustain their interest and go beyond an obvious answer to underlying mechanisms and greater depth
- be dissatisfied with over generalised explanation and inadequate detail
- be inquisitive about how things work and why things happen
- perceive rapidly the direction of an investigation and anticipate realistic outcomes
- link a range of data into coherent patterns
- ask many questions, suggesting that they are willing to hypothesise and speculate
- use different strategies for finding things out (practical and intellectual)

