



# Computing – Upper Key Stage Two

(Waves and Surfers)

## Computing Science

- work with variables
- can solve problems in writing programs by decomposing them into smaller parts
- can use selection and repetition in programs
- can simulate physical systems
- can use logical reasoning to explain how some simple algorithms work and detect and correct errors in them.
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## Information Technology

- combine a variety of software to accomplish given goals on a range of digital devices
- can analyse and evaluate information and data
- can design and create systems that accomplish given goals
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## Digital Literacy

- can understand the importance of using technology safely, respectfully and responsibly
- can identify a range of ways to report concerns about content and contact
- can appreciate how search results are ranked
- is discerning in evaluating digital content
- understands the basic workings of computer networks including the internet
- understands the opportunities computer networks offer for collaboration