

COMPUTER SCIENCE



READ



WRITE



THINK

WHEN COMPUTER SCIENTISTS **READ** THEY:

- Read technical journals such as The Register, and “technology” areas of www.bbc.co.uk
- Look for relationships between emerging technology and what it replaces.
- Explore developments in computers and speculate what they could be used for.
- Look for manufacturer “bias” in news stories.

WHEN COMPUTER SCIENTISTS **WRITE** THEY:

- Use technical vocabulary.
- Explain and justify, using appropriate examples.
- Quote sources in all written work to demonstrate validity.
- Use diagrams and algorithms to explain complex problems.
- Use pseudo-English to explain difficult or complex computer tasks without needing extensive knowledge of code syntax.

WHEN COMPUTER SCIENTISTS **THINK** THEY:

- Look at patterns.
- Look for efficiency.
- Understand where work has been completed previously and does not need to be repeated.
- Consider how computers could be used to solve everyday problems.
- Look for things that are in sequences with no ambiguity.