AVALON

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Dear Parents/Carers,

UK Bebras Computational Thinking Challenge

UK Bebras Computational Thinking Challenge
Key Stage 2 (Year 3 to Year 6)

This year Avalon school are entering all key stage 2 children into the UK Bebras Computational Thinking Challenge, run by Oxford University.

It is a competition aimed at raising awareness of Computer Science in a fun and rewarding way. The competition involves solving problems using computational thinking skills.

Computational thinking involves using a set of problem-solving skills and techniques that software engineers use to write programs and apps. Examples of these techniques would include the ability to break down complex tasks into simpler components, algorithm design, pattern recognition, pattern generalisation and abstraction.

It consists of a 40 minute quiz where the children answer as many questions as they can. The questions are in the form of engaging puzzles that start off relatively easy so every child can have a go and should get something out of the competition. For those children in Years 3 to 5 there is an option to enter as a small group.

The competition will be held at school during the first 2 weeks of November, after we return from half term. We are practising in school which includes working through past examples found on their site.

After the competition all children will be given a certificate with their score. There is also a certificate for best in school in each age category.

For further information please contact Mrs Ellsmoor or use the link http://www.bebras.uk/ to their website.

Their privacy policy can be found at http://www.bebras.uk/privacy-policy.html .

Yours sincerely

Callaway

Mrs J Callaway
Headteacher