BCS School Curriculum and Assessment Committee
Strategic plan 2020-21

1 Aim

To articulate the vision, goals, and principles of Computing Education

2 Goals

- To explain more about what our subject is.
- To help teachers to understand what and how they should teach computing.
- To inform inspectorates and DfE, to support them to ask the right questions, and to know what good practice looks like.
- To identify what the ideal set of qualifications is that would offer appropriate pathways for all children, especially at Key Stage 4.
- To understand what qualifications are offered and taken across the 4 nations.
- To contribute to the increase of Black Afro-Caribbean people and women in computing.

3 Current workstreams

- Four Nations Computing Education Annual Report
- Culturally responsive curriculum
- Digital Literacy/Skills
- KS4 Qualifications

3.1 Four Nations Computing Education Annual Report

- Create a 4 nations Computing Annual Report covering the current state of computing in schools.
- Refresh existing material on Northern Ireland, Scotland, and Wales, England including a recent entry and achievement patterns in national examinations.
- Undertake stakeholder interviews to quality assure and test the material being collated and analysed.
- Reference to country-specific research and policy documents that add context.

3.2 Culturally responsive curriculum

- Establish a working group to develop guidance and illustrative material to support a culturally responsive curriculum, drawing on real experiences in schools.
- Report on how many Black Afro-Caribbean students are taking CS at KS4 and KS5 exam, and how many Black Afro-Caribbean Teachers are teaching CS across the country.

3.3 Digital Literacy/Skills

- Develop a 'white paper' to:
  - clarify terminology
  - make clear the fundamental role that the computing curriculum has in developing young people's digital literacy
  - 'unpack' the digital literacy and IT requirements of the Computing NC to provide practical guidance on how those requirements can be addressed.
- Consider the potential for a coherent cross-UK view.

3.4 KS4 Qualifications

- Identify key challenges in the landscape of computing qualifications at Key Stage 4 in England.
- Draw on data from KS4 computing related qualifications.
- Explore and evaluates a variety of possible policy changes to address these challenges.
- Engage key stakeholders to consider possible policy changes.