



Strategies for supporting pupils with Special Educational Needs and Disabilities in Computing lessons



Possible strategies that could be used:

Use of EYFS resource 'Mini Mash' to support SEND pupils with getting used to using a Chromebook/iPad and navigating Purple Mash.

Use of Beebots to support SEND pupils with coding.

Scaffold learning so that learners benefit from support during initial phases of learning. Adapt tasks to make the curriculum accessible to all.

In computer science, there can be multiple solutions to a problem. Focus your instruction and encouragement on solving problems and the problem-solving process, rather than finding a single right answer.

Computing 'buddies'. Consider mixed ability partners.

Encourage learners to take ownership over their learning, strategies such as the 'BBGBs' (Brain, Board, Buddy, Google, Boss) and expert learners are effective ways to embed this into lessons. If a learner struggles with complex, multi-step problem solving, give them additional support in the beginning, then slowly remove the support once learners build their skills and confidence.

The learning environment is important in making learners feel included. Incorporate visuals that will appeal to a wide range of learner interests and backgrounds. Include examples of learners and professionals with disabilities, the representation of a diverse range of figures in computing can send a powerful message to your learners.