

BROADEN RATIONALE

Broaden approaches – higher levels of kinesthetic and outdoor learning, take different curriculum approaches where needed

Enable the development of problem solving skills to support pupils' adaption skills



TIPS

Encourage pupils in developing problem recognition skills – identify core problems from amongst a number of smaller issues – use scenarios or puzzles to achieve this

Engage in cooperative planning techniques between peers to encourage collaboration and break down of component parts of a problem

Encourage a stepped approach e.g. breaking problems into a staircase of six steps to go up or down with a method of how to move between the steps

Consider engaging the pupils in philosophical thinking tasks to help them to explore questions that we don't know the answers to. This is an area that older pupils may be finding difficult as it may be one of the first experiences that they have of adults not being able to provide answers to difficult questions

See Selberg's work on developing problem solving in pupils
<https://onlinelibrary.wiley.com/doi/abs/10.1002/sce.3730230303>

FURTHER WORK

Monitor pupils who find basic problem solving difficult especially if this need has emerged since the transition to school. Support problem solving through questions, 'what do you need to do next?' Use staged problem solving plans where appropriate