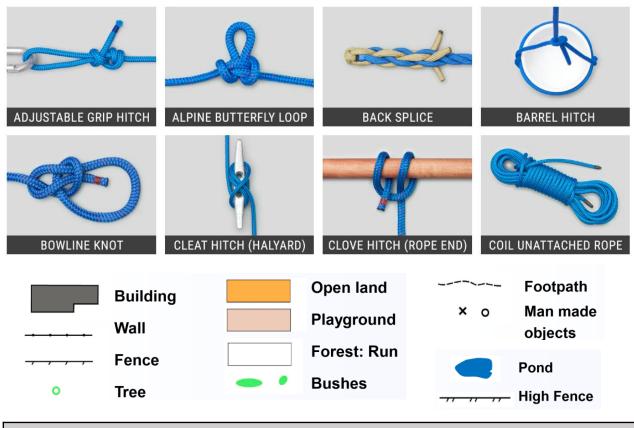


## Waterbeach Community Primary School Curriculum Capture for Year 5 PE: Outdoor – Adventurous Activites

Key Knowledge	
To solve a range of problems in an outdoor context or other situations.	To learn about different knots and how to tie them.
<ul> <li>The 5 stages of problem solving: <ol> <li>Teacher explains the problem to be solved.</li> <li>Pupils get a chance to ask teacher questions and to clarify the problem.</li> <li>Pupils then start to plan what they are going to do.</li> <li>They then put their plan into action.</li> <li>They review this at the end together.</li> </ol> </li> <li>Design and build varying sized shelters.</li> </ul>	<ul> <li>Learning knots can challenge pupils on a number of levels, firstly to overcome the block that they cannot do them, secondly some require a linguistic memory and some need a spatial memory process.</li> <li>All need to be practised so that knot tying becomes easy and can be applied.</li> <li>Allow plenty of planning time.</li> <li>To become confident in using the compass and map together.</li> </ul>
<ul> <li>Task is for each group to construct a shelter in which the team could sleep for the night.</li> <li>The group need to discuss their design and plan on paper or with small models.</li> <li>Having planned the shelter, then group then take their plans outside and construct the shelter.</li> <li>The builders then have to sell to the class the benefits of the shelter, its features and design.</li> </ul>	<ul> <li>Explain the parts of the protractor (Silva) compass i.e. baseplate, rotating compass wheel, the red/white arrow magnetic needle, red hatched orienting arrow, direction of travel arrow.</li> <li>N.B. compasses can have different colours and labels to the one shown in the appendix.</li> <li>Keep the compass flat in their hand. Be accurate on the dial.</li> </ul>



Key Skills
To solve a range of problems.
To develop co-operation and teamwork skills.
Developing new ideas and implementing them
Map reading, journeying skills, compass directions and degrees.