











Throughout the Coding Success 3 project:

	<ul style="list-style-type: none"> Students will have the opportunity to develop their Listening skills. They will need to listen carefully to the lesson videos and their teacher's explanations/demonstrations of how to code and debug Students will need to listen carefully to instructions, remembering the important coding information and steps to take Students should listen to their learning partner and peers, aiming to use eye contact and body language effectively when they talk to others By asking open questions, students will be able to deepen their understanding of coding and enjoy success completing the missions! 		<ul style="list-style-type: none"> Students will have the opportunity to develop Staying Positive skills when they keep trying when their code needs debugging Students will aim to stay calm, being reflective and resilient when facing difficulties Students will be encouraged to help others stay positive when facing difficulties and to keep trying, using iteration to succeed Students will be able to seek opportunities for additional challenge and create plans to achieve these goals, maintaining a positive 'We can' attitude when working collaboratively
	<ul style="list-style-type: none"> Students will have the opportunity to develop their Speaking skills when communicating clearly with their peers, their teacher and their learning partner each lesson They might focus on making points in a logical order, using appropriate language (including new coding terminology) They might also consider their tone and expression and use gestures to aid communication Students could try to use facts, examples and visual aids (such as the app, the robot vehicle and the mission mat) to help communicate their ideas 		<ul style="list-style-type: none"> Students will have the opportunity to develop Aiming High skills when they select challenges to achieve and create a plan to achieve them Students will have the opportunity to 'aim high' each lesson by developing skills at different levels, at different paces and by working on challenges that are appropriately stretching Students will be able to devise plans, involve others, use their resources and utilise their skills to achieve clear targets each lesson Students will have the opportunity to act on peer and teacher feedback to modify their coding solutions and achieve more challenging learning goals They will be able to celebrate their coding success with their peers and teacher Students will have the opportunity to reflect on their achievements throughout/at the end of every lesson and set goals for subsequent missions and lessons

	<ul style="list-style-type: none"> Students will have the opportunity to develop their Problem Solving skills every lesson when they are challenged to find solutions to a range of missions and mat challenges Students will use both their technical knowledge and understanding of coding built up each lesson, as well as other transferable skills Students will need to complete tasks by following instructions and using their own problem solving skills Students will be able to utilise the supportive lesson resources and explore different solutions to the coding challenges Students might develop their evaluative skills when exploring more complex challenges, analysing cause and effect, and creating and testing hypotheses Over time, students will have the chance to solve complex problems and refine their solutions, assessing their success 		<ul style="list-style-type: none"> Students will have the opportunity to develop their Leadership skills when they work in pairs and in small groups Students will take it in turns coding, testing and debugging They will be able to offer each other support, encouragement and guidance in developing their coding skills and completing the mat challenges Students might take on a lead role in their pair or group, guiding and encouraging others, utilising their strengths and supporting each other in developing weaknesses Students will have the opportunity to manage group discussions and come to a solution, whilst supporting and motivating others
	<ul style="list-style-type: none"> Students will have the opportunity to develop their Creativity skills when building, designing, re-engineering and coding Students will use their creativity to imagine the renewable energy context of each mission, using the mission mat in an imaginative way Students will need to imagine different situations in each mission and create possible solutions to the challenges of each mission Students might develop innovative solutions to the mat challenges, employing a wide range of coding skills in a creative way Students might support others in being creative and innovative too 		<ul style="list-style-type: none"> Students will have the opportunity to develop their Teamwork skills in each mission; they will need to work cooperatively in their pairs when completing a series of mat missions and challenges, as they code their EV Students will have the opportunity to work with others in a positive way, behaving appropriately, being reliable, taking responsibility for their own tasks, and supporting others in completing their tasks Students will need to contribute positively to decision-making in their pair or group, recognising the value of others' ideas, building on them and encouraging others to contribute Students will need to demonstrate respect for others' beliefs, backgrounds and cultures Students should avoid creating unhelpful conflicts and support each other in resolving any conflicts, helping to build positive relationships