COMPUTING LONG TERM PLAN

St. John the Baptist Catholic Primary School

Mission Statement

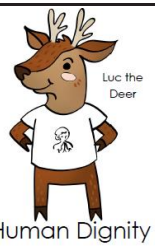
Together,
Through our words and actions, our work and play
We point towards Christ,
Each and every day

Computing Long Term Plan

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer
Year R	Unit					
	CST					
	Hook					
Year 1 **Outcomes**	Unit	What is e-safety?	1.1 Technology around us	Internet Safety Day	1.3 Moving a robot	1.6 Programming animations
	CST	This principle emphasizes that every person has fundamental rights that must be protected, and corresponding responsibilities to ensure the well-being of themselves and others.	The importance of unity and mutual support, recognizing that we are all interconnected and responsible for one another. Talk about how using technology responsibly means helping and supporting others. Explain that just like we work together in games and activities, we can use technology to help our friends and family.	Talk about the importance of helping friends and family stay safe online. Relate this to the principle of "Solidarity," emphasizing that we all have a role in supporting each other and keeping our online community safe.	This principle emphasizes the importance of community and the role each person plays in contributing to the common good. Encourage them to work with a friend to complete simple tasks, like moving the robot to a specific spot.	This principle emphasizes the importance of community and the role each person plays in contributing to the common good, everyone can contribute to the community by learning and sharing new skills.
	Hook	Password Game: beat the teacher	Using laptops	Internet Safety Day assembly	Bee bots	Animations

	Student share		Self-created files			Scratch programs
	Floor book			Some classwork from the day	Photos and example programs	
Year 2 **Outcomes**	Unit	2.1 Information technology around us	2.2 Digital photography	Internet Safety Day	2.3 Robot algorithms	2.4 Pictograms
	CST	This principle emphasizes the importance of respecting and preserving the environment, which can be extended to how we use and manage technology responsibly. Explain that we should recycle old devices, turn off electronics when not in use, and avoid wasting resources.	This principle emphasizes the inherent value and dignity of every individual, which can be related to how we present and perceive images of people. Talk about how editing photos can change the way people look and how it's important to remember that everyone is valuable just the way they are, that we should respect and appreciate the true appearance and dignity of every person.	Talk about the importance of helping friends and family stay safe online. Relate this to the principle of "Solidarity," emphasizing that we all have a role in supporting each other and keeping our online community safe.	This principle emphasizes the importance of unity and mutual support within a community, recognizing that we are all interconnected and responsible for one another, talk about how programming and working together helps everyone learn and grow. Discuss how these skills can be used to support and help the community in the future.	This principle emphasizes the importance of respecting and preserving the environment, which can be connected to how we use data to understand and protect our natural world.

	Hook			Internet Safety Day assembly	Interesting photographs	Bee bots
	Student share		Self-created files		Examples of photographs	
	Floor book	Board game: good and bad choices linked to online safety		Some classwork from the day	Examples of photographs	
Year 3	Unit	How can I keep myself safe online?	3.1 Connecting computers	Internet Safety Day	3.4 Stop Motion Animation	3.5 Desktop publishing
Outcomes	CST	Everyone has the right to be safe and treated kindly when using technology. We also have the responsibility to use technology in a way that is respectful and safe for ourselves and others. If we see something that makes us uncomfortable or worried, we should tell a trusted adult.	Solidarity means we all work together and help each other. When we learn about digital devices and computer networks, we see how different parts work together to make things happen. Just like how friends help each other, digital devices and networks help each other to share information and make things work better.	Talk about the importance of helping friends and family stay safe online. Relate this to the principle of "Solidarity," emphasizing that we all have a role in supporting each other and keeping our online community safe.	Call to participation means working together with others and sharing our ideas. When we create animations, we use our creativity to tell stories and share them with our friends and family. It's a fun way to work together and show what we can do!	The Common Good means doing things that help everyone. When we create branching databases, we organize information in a way that makes it easier for everyone to find what they need. It's like making a big map that helps everyone get to the right place quickly.
	Hook			Internet Safety Day assembly		

	Student share		Digital artwork			
	Floor book	Posters	Non-digital artwork	Some classwork from the day		
	Unit	The Internet	Audio Production	Internet Safety Day	4.5 Photo editing	4.6 Repetition in games
Year 4 **Outcomes**	CST	 Solidarity means we all work together and help each other. When we use the internet, we need to be careful and make sure the information we find is true. By working together and sharing honest information, we help everyone stay safe and learn better.	 Solidarity means we all work together and help each other. When we make a podcast, we use our voices and ideas to create something special. We need to respect each other's work and make sure we don't copy it without permission. By working together and respecting each other's creations, we make the internet a better place for everyone	 Talk about the importance of helping friends and family stay safe online. Relate this to the principle of "Solidarity," emphasizing that we all have a role in supporting each other and keeping our online community safe.	 Dignity of the Human Person means that everyone is special and should be treated with respect. When we change and edit pictures, we need to make sure we are being kind and respectful to the people in those pictures. We should think about how our changes might make them feel	 Participation means working together with others and sharing our ideas. When we create games using programming, we use our creativity to make something fun that we can share with our friends and family. It's a way to work together and show what we can do!

	Hook			Internet Safety Day assembly		
	Student share		Poster			
	Floor book	Quiz results		Some classwork from the day		
Year 5 **Outcomes**	Unit	5.1 Systems and searching	Digital Footprints	Internet Safety Day	5.2 Video production	5.5 Flat File Databases
	CST	Solidarity means we have the right to use computers and the internet to learn and find information, but we also have the responsibility to use it safely and honestly. We need to understand how computers and the internet work so we can use them properly and make good choices about the information we find and share.	The Common Good means doing things that help everyone. When we use the internet, we need to be careful and make sure we are safe and respectful. By being responsible online and thinking about how our actions affect others, we help make the internet a better place for everyone.	Talk about the importance of helping friends and family stay safe online. Relate this to the principle of "Solidarity," emphasizing that we all have a role in supporting each other and keeping our online community safe.	Participation means working together with others and sharing our ideas. When we create videos, we use our creativity to make something fun that we can share with our friends and family. It's a way to work together and show what we can do!	The Common Good means doing things that help everyone. When we use databases to organize information and solve problems, we make it easier for everyone to find what they need and understand important information. By sharing our findings with others, we help everyone learn and make better decisions.
	Hook	Google		Internet Safety Day assembly		
	Studen					

	t share					
	Floor book	Efficient search techniques described	Leaflet	Some classwork from the day		
Year 6 **Outcomes**	Unit	6.1 Communication and collaboration	How can I help fight unacceptable behaviour online?	Internet Safety Day	6.2 Webpage creation	6.4 Introduction to spreadsheets
	CST	Solidarity means we all work together and help each other. When we use the internet to share information and work on projects, we need to be careful and make sure we are respectful and responsible. By working together and thinking about what we share, we help make the internet a better place for everyone.	Dignity of the Human Person means that everyone is special and should be treated with respect. When we see someone being treated badly online, it's important to stand up for them and make sure everyone is treated kindly and fairly	Talk about the importance of helping friends and family stay safe online. Relate this to the principle of "Solidarity," emphasizing that we all have a role in supporting each other and keeping our online community safe.	Solidarity means we all work together and help each other. When we make websites, we use our ideas to create something useful and interesting for others. We need to make sure we are respectful and fair in how we use pictures and information, and that our websites are easy for everyone to use	The Common Good means doing things that help everyone. When we use spreadsheets to organize information and solve problems, we make it easier for everyone to find what they need and understand important information. By sharing our findings with others, we help everyone learn and make better decisions.
	Hook	Pen Pals	Next term's Internet safety day	Internet Safety Day assembly		London Trip
	Student share					
	Floor book	Quiz	Quiz	Some classwork from the day		