

Reciprocal Reading

Personal Development at St Cecilia's includes the following:

- Safe Relationships
- Physical Health, Mental Health and Wellbeing
- Relationships and Sex Education
- Equality, Inclusion and Opportunity
- Fundamental British Values
- Citizenship
- Spiritual Development
- Moral Development
- Social development
- Cultural Development
- Character Development
- Catholic Social Teaching
- Futures, Finance and Careers

Reciprocal Reading Tasks – KS3

Topic	Text	Task	Personal Development	Unit and Lesson
Year 7 (1 term rotation)	How Design And Technology Have Changed The Way We Make Products.	<p>At the end of the reading activity the students will:</p> <ul style="list-style-type: none"> - Summarise in to 5 key points - Expand on their reflections - Link to PD and CST - Evaluate the text 	<p>Democracy: Companies respond to customer choices and opinions when designing products.</p> <p>Individual Liberty: People can personalise products to meet their own preferences.</p> <p>Rule of Law: Factory processes must follow health, safety, and labour laws.</p> <p>Dignity of Work: Respect for workers and the value of human skill in industry.</p> <p>Stewardship: Using materials and energy wisely in production.</p> <p>Solidarity: Sharing innovations to improve lives around the world.</p>	Designing by hand and CAD – Lesson 6
Year 8	How Design And Technology Is Changing Mobile Phones.		<p>Individual Liberty: People choose apps, settings, and styles that suit them.</p> <p>Mutual Respect: Phones support global communication and understanding.</p> <p>Democracy: User feedback shapes new phone designs and features.</p> <p>Solidarity: Phones help people stay connected, especially in emergencies.</p> <p>Dignity of the Human Person: Technology should be used to protect privacy and well-being.</p> <p>Common Good: Innovations should help everyone, not just a few.</p>	
	How Design And Technology Is Changing Products For The Disabled.		<p>Individual Liberty: Giving everyone the chance to use products in their own way.</p> <p>Mutual respect: Valuing the needs of people with disabilities in everyday life.</p>	

			<p>Tolerance: Recognising and accepting different abilities and challenges</p> <p>Option for the Poor and Vulnerable: Prioritising the needs of those who face barriers.</p> <p>Dignity of the Human Person: Everyone deserves respect, dignity, and equal access.</p> <p>Solidarity: Standing together to ensure fairness for all people.</p>	
	How Design And Technology Is Developing The Buildings Of The Future		<p>Rule of Law: Buildings must meet environmental laws and safety rules.</p> <p>Democracy: Communities are involved in how local buildings are planned and used.</p> <p>Individual Liberty: People can choose eco-friendly homes and smart features.</p> <p>Stewardship of Creation: Caring for the Earth through sustainable building.</p> <p>Common Good: Designing buildings that are safe, accessible, and helpful for everyone.</p> <p>Solidarity: Sharing solutions to climate problems around the world.</p>	
Year 9	How Design And Technology Has Changed Materials And What We Use Them For		<p>Rule of Law: Materials must meet safety and environmental standards.</p> <p>Individual Liberty: People can choose eco-friendly and sustainable products.</p> <p>Democracy: Society influences which materials are used through choices and campaigns.</p> <p>Stewardship: Using materials wisely to care for the Earth.</p> <p>Common Good: Creating materials that help everyone live better.</p> <p>Dignity of Work: Respecting the role of science and design in improving lives.</p>	
	How Design And Technology Is Changing The Environment		<p>Democracy: People can support eco-friendly changes through laws and choices.</p> <p>Rule of Law: Environmental laws guide how products and buildings are made.</p>	

			<p>Individual Liberty: People can choose sustainable products and lifestyles.</p> <p>Stewardship of Creation: We must protect the Earth and all living things.</p> <p>Solidarity: Working together to solve environmental problems around the world.</p> <p>Option for the Poor and Vulnerable: Climate change often affects the most vulnerable people the most.</p>	
	How Design And Technology Can Save Lives		<p>Individual Liberty: Everyone has the right to access life-saving support.</p> <p>Rule of Law: Safety standards ensure that medical devices work properly.</p> <p>Mutual Respect: Life-saving designs are made for all people, no matter their background.</p> <p>Dignity of the Human Person: Every life is valuable and worth protecting.</p> <p>Option for the Poor and Vulnerable: Life-saving design often helps those in greatest need.</p> <p>Solidarity: We are all responsible for caring for others, near and far.</p>	

Reciprocal Reading Tasks – KS4

Topic	Text	Task	Personal Development	Unit and Lesson
Year 10	How Innovative Design Improves Everyday Products	At the end of the reading activity the students will: <ul style="list-style-type: none"> - Summarise in to 5 key points - Expand on their reflections - Link to PD and CST - Evaluate the text 	<p>Individual Liberty: Products can be adapted for personal choice and comfort.</p> <p>Democracy: User feedback helps decide how products are designed.</p> <p>Rule of Law: Designers must follow safety standards and regulations.</p> <p>Dignity of Work: Designers use their skills to serve others' real needs.</p> <p>Common Good: Products are designed to benefit all users, not just a few.</p> <p>Solidarity: Good design includes everyone, especially those with additional needs.</p>	Term 1 Designing for others
	Renewable vs Non-Renewable Energy: Which Is Better and Why?		<p>Rule of Law: Governments make energy policies and environmental laws.</p> <p>Democracy: People can campaign and vote for cleaner energy solutions.</p> <p>Individual Liberty: Consumers can choose eco-friendly energy options.</p> <p>Stewardship of Creation: Protecting the Earth by using clean energy.</p> <p>Option for the Poor and Vulnerable: Helping those most affected by climate change.</p> <p>Common Good: Choosing energy sources that protect the whole planet.</p>	Term 2 Design in society

	<p>How Manufacturing Techniques and Standard Components Improve Products</p>		<p>Rule of Law: Safety and quality rules must be followed in factories. Democracy: Consumers help shape what gets made by choosing what they buy. Individual Liberty: People can choose from many product options and styles.</p> <p>Dignity of Work: Respecting workers and fair factory conditions. Common Good: Producing quality products for all people, not just a few. Solidarity: Sharing tools, materials, and ideas to improve global production.</p>	<p>Term 3 – manufacturing techniques</p>
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Examples Within the Curriculum

Topic	Text	Task	Personal Development	Unit and Lesson
Working with wood	Workshop safety contract	Read through the safety information and complete the missing test.	Safe relationships / Physical health and wellbeing	Unit 1 – Lesson 2
	Introduction to Timber	Fact sheet – reading information and gather facts to complete work sheet	Cultural development / Careers	Unit 1 – Lesson 4
Designing by hand and CAD	How Design and Technology Have Changed the Way We Make Products	Guided reading and complete the worksheet summarising the article and what has been learned	Futures / Careers / Cultural Development	Unit 2 – Lesson 1
	2D Design Step by Step guide	Read through the text and complete the tasks on screen	Character Development	Unit 2 – Lesson 2
Working with plastic	Introduction to Plastics	Fact sheet – reading information and gather facts to complete work sheet on how plastics are developed	Cultural development / Careers	Unit 3 – Lesson 1
	Plastics Pollution Facts	Guided reading through the task and answer the exam question based on the information	Moral Development / Citizenship	Unit 3 – Lesson 4
Mechanical systems	Simple machines and their uses	Fact sheet – reading information and gather facts to complete work sheet	Futures / Careers	Unit 4 – Lesson 1

Year 7

Topic	Text	Task	Personal Development	Unit and Lesson
Working with Composites	Introduction to Composites	Fact sheet – reading information and gather facts to complete work sheet	Cultural development / Careers	Unit 1 – Lesson 1
	Workshop safety contract	Read through the safety information and complete the missing test.	Safe relationships / Physical health and wellbeing	Unit 1 – Lesson 2
Designing for Others	Introduction to smart materials	Fact sheet – reading information and gather facts to complete work sheet	Cultural development / Careers	Unit 2 – Lesson 1
	How Design and Technology is changing products for the disabled	Guided reading and complete the worksheet summarising the article and what has been learned	Futures / Careers / Cultural Development	Unit 2 – Lesson 4
	2D Design Step by Step guide	Read through the text and complete the tasks on screen	Character Development	Unit 2 – Lesson 5
Energy and Electronics	How Design and Technology is changing mobile phones	Guided reading and complete the worksheet summarising the article and what has been learned	Futures / Careers / Cultural Development	Unit 3 – Lesson 2
Mechanical systems	Key facts and information on energy generation methods	Read through the different advantages and disadvantages of energy and complete them on to the fact sheet in to correct columns.	Futures / Careers / Cultural Development	Unit 4 – Lesson 3

Year 8

Year 9

Topic	Text	Task	Personal Development	Unit and Lesson
Working with mixed materials	Workshop safety contract	Read through the safety information and complete the missing test.	Safe relationships / Physical health and wellbeing	Unit 1 – Lesson 2
	Materials properties	Fact sheet – reading information and gather facts to complete work sheet	Citizenship	Unit 1 – Lesson 4
Designing for the built environment	How Design and Technology is changing the environment	Guided reading and complete the worksheet summarising the article and what has been learned	Futures / Careers / Cultural Development	Unit 2 – Lesson 1
	Google Sketchup tutorials	Read through the text and complete the tasks on screen	Charachter Development	Unit 2 – Lesson 3
Industry and enterprise	Product Specifications	Read through the different product specifications and work out what products they are linked to	Futures / Careers	Unit 3 – Lesson 2
	Sustainability	Fact sheet – reading information and gather facts to complete work sheet	Moral Development / Social development / Cultural Development	Unit 3 – Lesson 5
STEM	What is nano technology and robotics?	Guided reading and complete the worksheet summarising the article and what has been learned	Futures / Careers / Cultural Development	Unit 4 – Lesson 1
	What role does Engineering play on development of products and society?	Guided reading and complete the worksheet summarising the article and what has been learned	Futures / Careers / Cultural Development	Unit 4 – Lesson 1