

Rationale:

1. Prioritise 'disciplinary literacy' across the curriculum
2. Provide targeted vocabulary instruction in every subject
3. Develop students' ability to read complex academic texts
4. Break down complex writing tasks
5. Combine writing instruction with reading in every subject
6. Provide opportunities for structured talk

Examples Within the Curriculum**Year 7**

Task	Text	Task	Recommendations	Unit and Lesson
1	SMART Rules	Read through the rules together. Find new and unfamiliar words and ensure understanding. Pupils make a poster to summarise and show understanding	2,3,4,6	Introductory Unit lesson 1
2	Why is programming important	Read through the text. Find new and unfamiliar words and ensure understanding. Discuss how programs and apps permeate their lives	2,3,4,6	Logo programming lesson 4
3	The Internet and WWW	Independent reading and highlighting new/unfamiliar words. Discussion of words and the ideas in the text. Pupils summarise what the internet and www are	2,3,4,5,6	Network unit lesson 4

4	Computational Fairy Tales: The Darkness is Coming; An Algorithm for Quests	Class reading exercise Pupils write down new words. Discussion of meaning and the key computing ideas	2,3,6	Scratch Programming Lesson 1
5	Computational Fairy Tales: Loops and making horseshoes	Class reading exercise Pupils write down new words. Discussion of meaning and the key computing ideas. Then using loops in Scratch	2,3,6	Scratch lesson 3
6	Computational Fairy Tales: The if-else life of the King's turtle	Class reading exercise Pupils write down new words. Discussion of meaning and the key computing ideas. Then making decisions in Scratch	2,3,6	Scratch lesson 4

Year 8

Task	Text	Task	Recommendations	Unit and Lesson
1	Check the specs	Reading specifications of computers to extract common information. Deriving the common components of all computers	2,3,4,6	Computer Systems lesson 2
2	Futuristic Artificial Intelligence Facts	Paired reading task. Pairs decide on 2 facts to explain to the class. During the reading they look up or ask about new/unfamiliar words	2,3,4,6	Computer Systems lesson 5

3				
4				
5	Vector and Raster Images	Paired reading task to find key facts about images and produce a factsheet using scaffolded worksheet	2,3,4,5,6	Vector Graphics lesson 5
6	Logo design trends https://www.tailorbrands.com/blog/logo-design-trends	Individual reading task followed by a discussion and pupils promoting their favourite ideas. During the reading they look up or ask about new/unfamiliar words.	2,3,4,5,6	Vector Graphics lesson 6

Year 9

Task	Text	Task	Recommendations	Unit and Lesson
1	Phishing attacks: defending your organisation https://www.ncsc.gov.uk/guidance/phishing	Individual reading task. Each pupil to identify and create a glossary with definitions of at least 5 new or unfamiliar terms. They then explain these through answering some structured questions	2,3,4,5,6	Cyber Security lesson 2
2	What is a computer virus? https://us.norton.com/blog/malware/what-is-a-computer-virus	Individual reading task followed by a discussion of vocabulary. Pupils create a factsheet on viruses using a template.	2,3,4,5,6	Cyber Security lesson 4

3	PRIMM for programming – various texts	Read the Python code provided. (P - R) Make a prediction as to the outcome of running the code. Test this. (I) Investigate the code by altering parts and running (M) Modify the code by writing some new functionality (M) Make a new program based on what has been studied	2, 3,4, 5,6	This is used in multiple programming lessons through the unit.
4	Pupils following individual learning paths through the iDEA award.	All learning material will involve reading and answering questions. Individuals are given help to understand and process the materials	2,3,4,5,6	All term

Year 10

Task	Text	Task	Recommendations	Unit and Lesson
1	Architecture of the CPU	Homework: pre-reading task (flipped learning) to introduce key vocabulary and ideas. These then covered in detail in the next lesson after a discussion of the reading	2,3,4	Unit 1.1 lesson 1 homework for lesson 2

Task	Text	Task	Recommendations	Unit and Lesson
2	PRIMM for programming – various texts	Read the Python code provided. (P - R) Make a prediction as to the outcome of running the code. Test this. (I) Investigate the code by altering parts and running (M) Modify the code by writing some new functionality (M) Make a new program based on what has been studied	2, 4, 5	This is used in multiple programming lessons through the year.
3	The Evolution of Storage Devices	Read as a class as starter exercise. Discuss changes in size, capacity and price of devices. Link to storage in their personal devices (e.g. phone)	2, 3, 6	Unit 1.2 Lesson 8
4	The Internet – Key Ideas	Read as a class. Discuss how many ideas are familiar and any misconceptions. Create flash cards of key terms	2, 3, 5, 6	Unit 1.3, Lesson 8
5	SQL Injection Attack: Real Life Attacks (SQL Injection Attack: Real Life Attacks and Code Examples (brightsec.com))		2, 3, 5, 6	Unit 1.4 Lesson 2

Task	Text	Task	Recommendations	Unit and Lesson
6	Why functions	Individual reading task. Exploration of vocab and key ideas. Expansion of why functions are the building blocks of programs. Create flash cards of key terms. Leads into writing function in Python	2, 3, 5, 6	Unit 2.2 Lesson ? <i>Will depend on progress on class</i>

Year 11

Task	Text	Task	Recommendations	Unit and Lesson
1	Crystal ball coupons (CS4Fun) US weapons systems can be 'easily hacked' (BBC News)	Individual reading task. Exploration of vocab and key ideas. Discussion as to the rights and wrongs of the data use shown. Writing down of personal thoughts. Used as an introduction to ethical and legal issues. Individual reading task. Group task to identify and expand on key vocab. 5 questions for further exploration – including extra research.	2,3,4,5,6	Unit 1.6 lesson 1 Unit 1.6

2	Driverless cars (BBC News)	Individual reading task. Group task to identify and expand on key vocab. 5 questions for further exploration – including extra research.	2,3,4,5,6	Unit 1.6 Lesson
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