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 and Year 8

Task	Text	Task	Recommendations	Unit and Lesson
1	How can we predict bone loss in astronauts	Key terms and morphology	1,2,6	Organisms- 8.1 lesson 7
2	Solids liquids and gases	comprehension	1,4,5,6	Matter 1 5.1 lesson 1
3	How do we find a planet in another galaxy	Read, discuss and discuss key terms before reading.	1, 3,6	Earth 1
4	Animal reproduction	Comprehension task	1,4,5,7	Genes 1 10.1 L3
5	Chromatography	Read through and pick out key words	1,2,6	Matter 1 5.2 L6
6	How can we turn ocean water into renewable energy	Guided reading and discuss key words and terms	1,3,6	Energy 1 6.1 lesson 2

Task	Text	Task	Recommendations	Unit and Lesson
1	How do plants keep in touch	Explore format of an academic journal and discuss.	1,3,6	Ecosystems 2 – photosynthesis lesson 1
2	A periodic table of its own	Read, identify key terms	1,2,3,6	Matter 2 lesson 2
3	How can we make biofuels more climate friendly	Read and answer questions	1,2,3,4,5	

4	These male hummingbirds evolved to be so tiny they can do cool dives	Read the article and summarise, model answers and discuss.	1,4,5,6	Genes 2 -Evolution Lesson 1
5	Why do hand warmers keep hands warm?	Reading and comprehension	1,2,3,4	Reactions 2 energy changes lesson 1
6	Distant planets and big promises	Read, key terms discussion	1,2,3,6	Extension lesson 2 Doppler effect

Year 9

Task	Text	Task	Recommendations	Unit and Lesson
1	How can we store carbon dioxide from the atmosphere in minerals	Read discuss, answer questions	1,2	Energy P 3.4
2	Cell transport	Read, select key words	1,2,5,7	Cells lesson 10
3	Can the materials made of the same elements have different properties?	Read,comprehension task	1,2,3,4,6	Structure and bonding lesson 6
4	Nuclear waste = fuel for the future	Read and then discuss if there should be more nuclear power stations	1,2,3,6	Radioactivity P7.9
5	How can we grow model embryo's in the lab?	Explore key terms, discuss relevance to lesson	**1**,2,3,6	Cell biology lesson 13
6	Can graphene in your clothing stop mosquito bites?	Guided reading Key words and questions	1,2,3,6	Structure and bonding lesson 9

Year 10

Task	Text	Task	Recommendations	Unit and Lesson
1	How can we work with quantum computers today	Read and discuss	1,3,4	Electricity
2	How can we make antimalarial drugs faster	Read and discuss	1,4,6	Infection and response lesson 8
3	Humphry Devy's discovery of 7 new elements	Read and comprehension	1,2,3,6	Electrolysis lesson 2
4	How do gender stereotypes impact girls' interest in science	Read and discuss.	1,5,6	Forces lesson 1

5	Can crops grow in the dark	Read, select key words, discuss	1,2,4,6	Biogenergetics lesson 5
6	Iron	Reading and key words	1,2,6	Extraction of metals lesson 3

Year 11

Task	**Text**	**Task**	**Recommendations**	**Unit and Lesson**
1	How do enzymes speed up chemical reactions	Read and key terms, applications	1,2,3,6	Rates of reaction lesson 5
2	How can we quickly assess the status of Eagles	Read, key terms, discussion, comprehension	1,2,4,5, 6	Ecology lesson 3
3	Supersonic Air Travel	Read,discuss	1,2,3,6	Waves P12.4