



Reading in



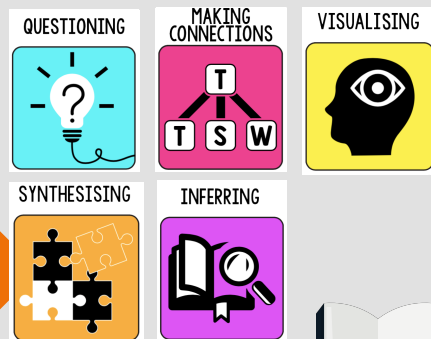
Disciplinary literacy is defined as the confluence of content knowledge, experiences, and skills merged with the ability to read, write, listen, speak, think critically and perform in a way that is meaningful within the context of a given field.

*In Design and Technology, the idea of what constitutes texts needs to be broadened to include even more diverse modes of communication such as design drawings, working drawing, annotations, dimensioning, as well as the more traditional interpretation

? Understanding Design

To study design and technology effectively, several crucial reading skills are essential. Firstly, strong comprehension skills are necessary to understand complex design theories, concepts, and methodologies presented in textbooks, articles, and research papers. Additionally, critical reading skills enable the ability to analyze and evaluate design literature, identifying strengths, weaknesses, and underlying assumptions. Visual literacy is vital for interpreting and understanding visual elements, such as diagrams, sketches, and illustrations, often found in design books

- History of Design
- Communicating design proposals
- Student annotation
- *Designs ideas, renderings etc.)

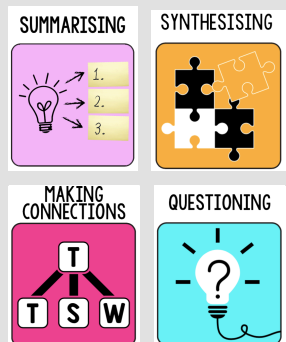


🌐 Cultural Capital

Reading about design and technology can provide significant cultural capital. It enables individuals to stay informed about the latest trends, innovations, and historical developments in these fields. This knowledge enhances one's ability to engage in informed discussions, make relevant cultural references, and appreciate the aesthetic and functional aspects of design and technology, ultimately leading to a broader understanding and appreciation of these disciplines within society.

- Read instruction for practical activities.
- Interpret engineering drawings & symbols

- Engage with books, magazines, and online resources focused on design and technology to stay updated on industry trends, historical influences, and influential figures.
- Read works by authors from different backgrounds, cultures, and time periods to gain a broader understanding of design and technology's cultural context and its impact on society.



📋 Instruction

Developing disciplinary reading skills in design and technology is crucial for pupils as it fosters a deeper understanding of the subject matter, enhances critical thinking abilities, and promotes creative problem-solving. Disciplinary reading enables students to comprehend and analyse complex design theories, technological concepts, instructional texts, empowering them to apply acquired knowledge in **practical** scenarios. Additionally, it cultivates effective communication skills, enabling students to articulate ideas, engage in meaningful discussions, and collaborate effectively within the design and technology field

- Tutorials
- Infographics
- Instruction Manuals
- Videos
- Demonstrations

- Pay attention to detail and think sequentially. Read closely and carefully. Re-read if necessary.
- Apply previously learned concepts and processes.
- Decipher vocabulary necessary for understanding.
- Make meaning out of symbols and design drawings.



ENSURING EXCELLENCE