



# Spalding High School

Teaching and Learning

# Teaching and Learning Target 2025-2026

Our goal is to promote independent study and foster a sense of student agency.

*“It is about acting rather than being acted upon; shaping rather than being shaped; and making responsible decisions and choices rather than accepting those determined by others.”*

***OECD Future of Education and Skills 2030 ‘Conceptual learning framework’***

# Divers and Thrivers

- **Video:** Martin Griffin introduced a study entitled "**Divers and Thrivers – Developing Effective Independent Learners**", where he explained the outcomes of a study involving 6,000 undergraduate Economics students at the University of Toronto. The study identified key differences between "divers" (bottom 10% performers) and "thrivers" (top 10%), revealing that thrivers were consistently more **independent, proactive, and persistent.**

# Homework

- **Differences**

- Complexity
- Volume
- Duration
- Independence

- **Research**

- John Hattie
- Effect size = +0.64
- EEF = +5 months

- **Schedule**

<b>Year 10 and Year 11</b>
Each subject studied – one 40-minute piece per week Languages – 2 x 20 minutes per week

# What is AI?

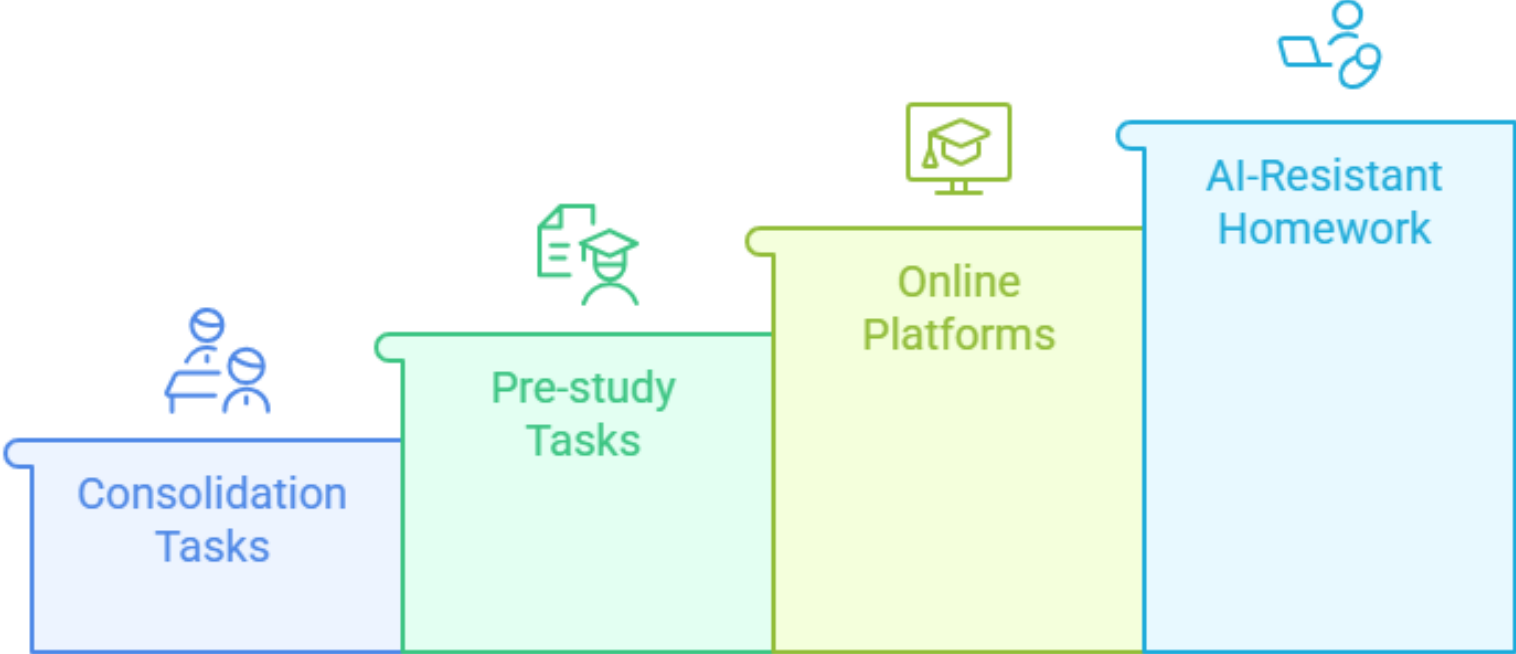
- AI stands for artificial intelligence.
- There are different types of AI:
  - **Narrow** – AI that can perform specific tasks e.g. Siri, Alexa, Netflix, Spotify
  - **Generative** – AI that can generate new content e.g. ChatGPT, Copilot, Google Notebook LM
  - **General** – AI that can perform any intellectual task a human can do.

# Chat GPT in action

Mr. Love explored how ChatGPT can be used to help parents understand the evolving role of AI in education. He introduced two key tools:

- **AI Detectors** – These tools help identify AI-generated content, supporting schools in maintaining academic integrity and ensuring student work is authentic.
- **AI Humanisers** – While designed to make AI-generated text sound more natural, these tools raise concerns in educational settings. They can obscure the origin of content, making it difficult for teachers to verify whether work reflects a student's own understanding or effort.

# Types of Homework



# Essay Writing Using Chat GPT, A Study

- **Video:** MIT researchers warn that frequent ChatGPT use may trade long-term cognitive fitness for short-term efficiency, as users show reduced brain activity and ownership over their work.

# Essay Writing Using Chat GPT, A Study

**“Whoever does the thinking gets  
the learning.”**

Monday 28 lundi lunes Montag

Subject and Task Details

Due ✓

Law 1/11

Rule of Law, p63, Q1-4 1/11

Revise for Chemistry Test – Acids/ Alkalis, pp43-50 1/11

Tuesday 29 mardi martes Dienstag

Subject and Task Details

Due ✓

Wednesday 30 mercredi miércoles Mittwoch

Subject and Task Details

Due ✓

Literacy - Synonyms and Antonyms

8. A synonym of friend is \_\_\_\_\_

Thursday 31 jeudi jueves Donnerstag

Week 2

Subject and Task Details

Due ✓

Friday 1 vendredi viernes Freitag

Subject and Task Details

Due In: Law/ Chem

Due ✓

Home Comments

School Comments

Home Signature

School Signature

Mental Maths Challenge: (answers at end of section)

8. What is the mean score of these dice throws: 6, 4, 6, 5, 5, & 4?

- **Images:** Mr. Love introduced Ebbinghaus' Forgetting Curve to highlight how memory naturally fades over time, emphasizing the importance of spaced learning as a strategy to interrupt forgetting and reinforce long-term retention.

- **Image:** Mr Love emphasized the importance of consistent daily habits over the ineffective cycle of doing very little, followed by intense bursts of catch-up. Reflecting on recent student outcomes, Mr. Love noted that those who achieved A/A\* grades were proactive and chose steady, deliberate effort over last-minute intensity.
- **Challenge to Students:**  
*What new, small habits will you commit to as you begin your GCSE journey?*