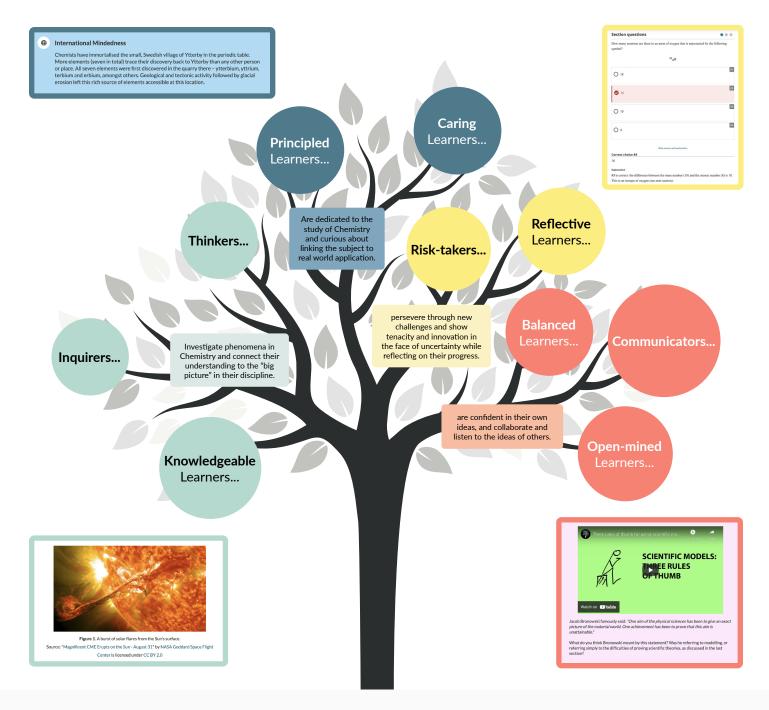




Kognity supports students in growing as empathetic peacemakers, who are rooted in international mindedness and have a commitment to respecting humanity and the environment. Use the tree below to explore how Kognity nurtures IB Chemistry learners in developing these skills.

# **IB Learner Profile Attributes with Kognity**



## Approaches to Teaching and Learning with Kognity

Structure and clarity of the report
It is important to note that there is not only one correct structure to follow when writing your final report. It is not necessary to use the headings of the criteria for the different sections of your report. August structure is show bodies, but he aware it is up to the individual student to decide on the structure of their report. If in doubt, consult your teacher.
Title:
Background information:
Research question:



Students are guided through the importance of academic honesty as well as how to access reliable external resources to do a deep dive into topics or gather sources for the Internal Assessment.

The "TOK" boxes included in the textbook are excellent ways for students to reflect on their learning, while exam-style practice questions allow students to use critical thinking skills to apply their learning to unfamiliar situations.

#### Question 9.4

A voltaic cell is constructed with two half-cells, a salt bridge and a circuit containing a voltmeter. One half-cell contains a nickel electrode in a solution containing Ni<sup>2+</sup> ions. The other half-cell contains an iron electrode in a solution containing Fe<sup>2+</sup> ions.

(a) State the half equations for the reactions that take place at the anode and cathode and

the net-ionic equation for the reaction that occurs when the two half-cells are connected

[3 marks]

Paper 2 9 marks

Research

Thinking

## Self-Management: Organization

Students can develop time management and organization skills by keeping track of their progress and mastery of different topics through their strength bar, and keep up to date with assignments on their homepage.

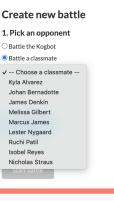
0	1.1 The particulate nature of matter   Section Completed   6 4   Strangth			
	0	1.1.0	The big picture	
	Ø	1.1.1	States of matter	
	0	1.1.2	Elements and compounds	
	•	1.1.3	Mixtures	
	•	1.1.4	Chemical reactions and equations	
	0	1.1.5	Checklist	
			Take Strength test Next subtopic	

TOK boxes embedded in the text as well as 3D models and other visual resources provide great opportunities for students to collaborate and reflect on the subject matter together.

> Kognity provides many different ways for students to build communication skills through the digital platform, focusing on streamlined feedback, intercultural communication and peer interaction.

## **Strength battle**

Battle an opponent, or view your current and past battles





Social