

# Pedagogy Package

£75 per session to book your place please follow the link on the course title

Course Title	Date	Time	Location
<a href="#"><u>TEACHING TO AVOID MISCONCEPTIONS</u></a>	20 SEPTEMBER 2022	15:30-17:00	VIRTUAL
<a href="#"><u>SUPPORTING EAL LEARNERS</u></a>	28 NOVEMBER 2022	15:30-17:00	VIRTUAL
<a href="#"><u>METACOGNITION</u></a>	07 FEBRUARY 2023	15:30-17:00	VIRTUAL
<a href="#"><u>LITERACY IN SCIENCE</u></a>	20 MARCH 2023	15:30-17:00	VIRTUAL
<a href="#"><u>PURPOSEFUL PRACTICAL WORK</u></a>	09 MAY 2023	15:30-17:00	VIRTUAL
<a href="#"><u>LINKING CAREERS TO LEARNING GATSBY BENCHMARK 4</u></a>	13 JUNE 2023	15:30-17:00	VIRTUAL

## Session 1 - Teaching to avoid misconceptions

- discuss the importance of engagement and where your department is currently at
- gather ideas for how to plan and deliver a successful whole school science week
- leave the session with simple practical steps to make your science week a success

## Session 2 - Supporting EAL Learners

- explain who an EAL learner is in the English context
- identify specific barriers to the mainstream curriculum that EAL learners may face
- identify language barriers specific to the subject of Science
- design substitution tables combining the teaching of Science and the English language
- consider how to differentiate substitution tables for different levels of language acquisition

## Session 3 - Metacognition

- explain what metacognition and self-regulated learning skills are and why they are important
- identify the key barriers to building metacognitive skills
- understand the roles and interplay of knowledge, planning, monitoring and evaluation in building metacognitive approaches to problems
- undertake an illustrated example of metacognition in action



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**FOR FURTHER INFORMATION PLEASE CONTACT**

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## Session 4 - Literacy in Science

- provide learners with a greater variety of reasons to write and read in science
- provide learners with structure to turn simple sentence into more complex ones and into paragraphs
- learn strategies to improve reading in science
- use the requirements of GCSE science extended writing to support learners in tackling such questions

## Session 5 - Purposeful Practical Work

- explain what metacognition and self-regulated learning skills are and why they are important
- identify the key barriers to building metacognitive skills
- understand the roles and interplay of knowledge, planning, monitoring and evaluation in building metacognitive
- approaches to problems
- undertake an illustrated example of metacognition in action

## Session 6 - Linking careers to learning Gatsby Benchmark 4

- discuss the current situation STEM needs in the country
- review the Gatsby Benchmarks
- gain ideas for building STEM career learning into your teaching
- explore the role of clubs and competitions in providing STEM career learning
- auditing the current picture in your department/practice and plan next steps

If you require further information please email:

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