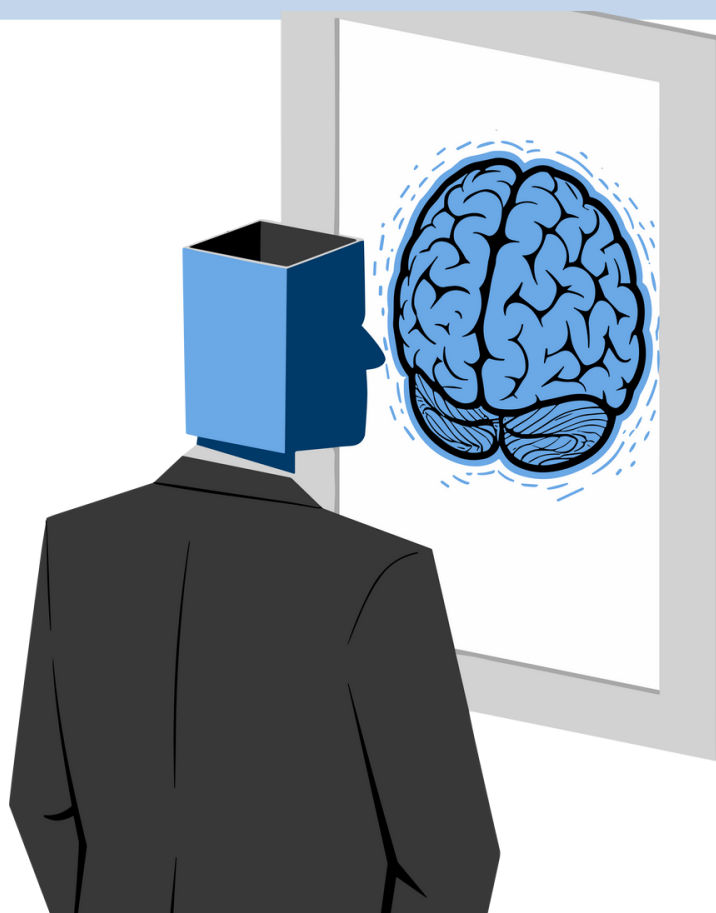


NEUROSCIENCE IN EDUCATION UNDERSTANDING HOW THE BRAIN LEARNS



**Organisation ID:
E10384986**

 europexchangecentre

 EuropeXchange

 Torrox Costa, Malaga, Spain



www.europex-change.com



COURSE OVERVIEW

This course introduces teachers and school professionals to the fascinating field of neuroscience and its applications in education. Participants will explore how the brain processes information, builds memory, and develops learning habits. By understanding the connection between cognitive science and classroom practice, educators will learn to design lessons that enhance attention, motivation, and retention. The course translates complex scientific findings into practical strategies, helping teachers create brain-friendly learning environments that support all learners.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- To understand the basic principles of neuroscience relevant to teaching and learning.
- To explore how attention, memory, and emotion affect learning outcomes.
- To identify brain-based strategies that improve student motivation and engagement.
- To apply neuroscience findings to classroom management and instructional design.
- To promote growth mindset, curiosity, and lifelong learning among students.



LEARNING OUTCOMES

After completing this course, participants will be able to:

- Participants will understand how the brain learns, remembers, and adapts.
- They will be able to apply neuroscience-based strategies in daily teaching.
- They will recognize how stress, emotion, and environment impact learning.
- They will design brain-friendly activities that foster creativity and motivation.
- They will translate theory into practical classroom innovation.

DURATION:

5 Days

LANGUAGE:

English or Spanish

SCHEDULE:

Monday to Friday

09:30 – 14:30
5 hours per day

OTHER SERVICES

- Beach front accommodation
- Airport transfers
- Local transport
- One day trips
- Documentation support
- Additional project assistance

CERTIFICATES

A certificate of attendance will be issued to all the participants at the end of the course.

TRAINING ACTION

The Brain and Learning: Foundations of Educational Neuroscience

Day 1

- Introduction to brain anatomy and key learning processes.
- Myths vs. facts about the brain in education.
- How neurons connect: neuroplasticity and lifelong learning.
- Reflection: how does neuroscience influence teaching today?

Day 2

Attention, Memory, and Motivation

- Understanding attention span and focus in learning.
- Short-term vs. long-term memory: how to enhance retention.
- The role of motivation and reward systems in the brain.
- Practical strategies for improving concentration and recall.

Day 3

Emotions, Stress, and Learning Environment

- How emotions shape learning and behaviour.
- The impact of stress and anxiety on brain performance.
- Creating emotionally safe and supportive classrooms.
- Mindfulness and relaxation exercises for focus and calm.

Day 4

Applying Neuroscience to Teaching Practice

- Brain-based teaching strategies and lesson design.
- Differentiation through understanding cognitive diversity.
- Encouraging curiosity and intrinsic motivation.
- Workshop: designing a brain-friendly classroom activity.

Day 5

Building a Brain-Friendly School Culture

- The role of school leadership in supporting cognitive development.
- Collaboration and reflection among educators.
- Developing an action plan for neuroscience-informed teaching.
- Group sharing, feedback, and certification ceremony.

*Please note that program content may be subject to change based on input from our trainers.



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Get in touch



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