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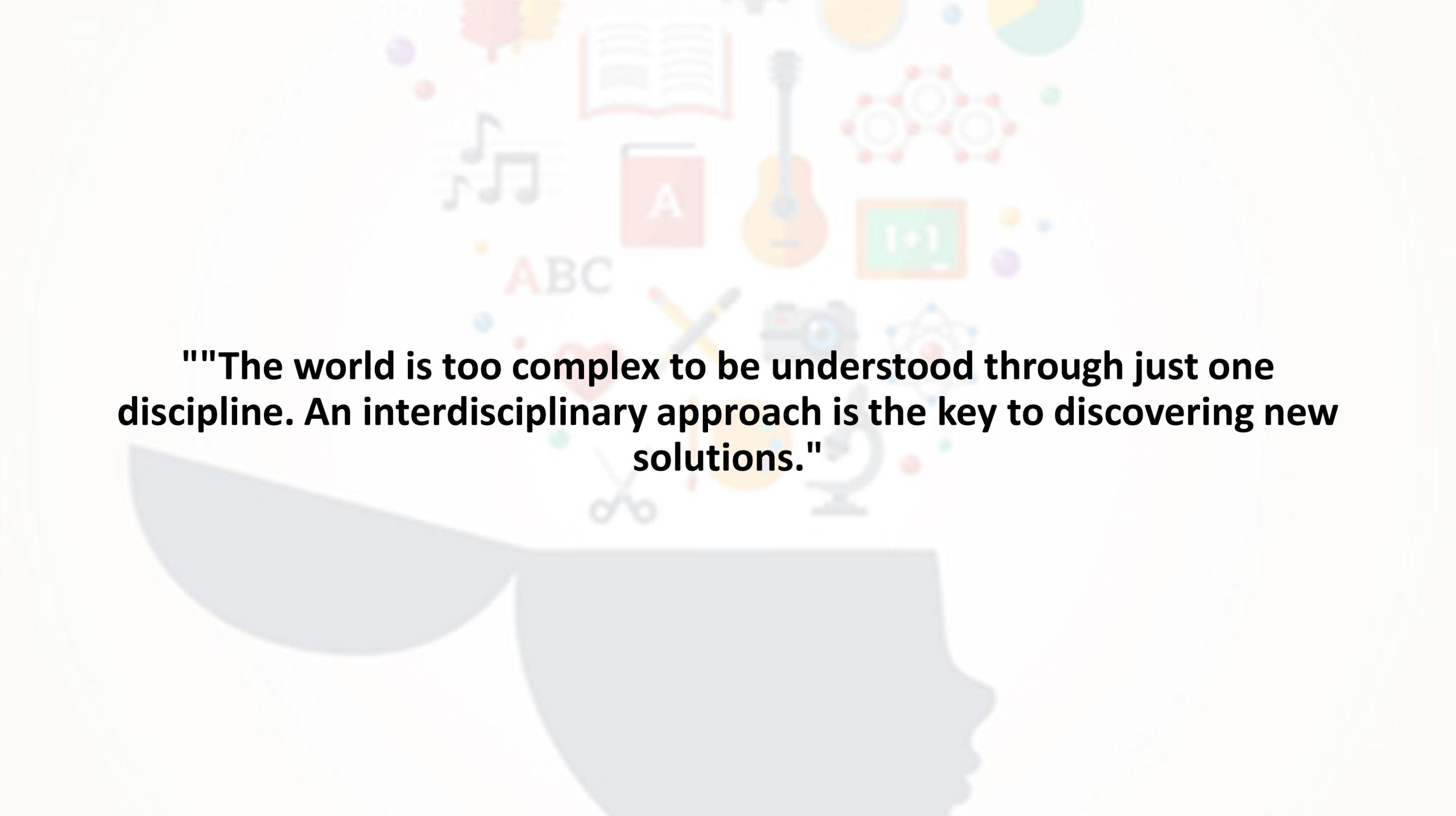


УНИВЕРЗИТЕТ  
ГОЦЕ ДЕЛЧЕВ  
Избери мудро, делувај храбро

# INTERDISCIPLINARY APPROACH IN TEACHING AND LEARNING

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**""The world is too complex to be understood through just one discipline. An interdisciplinary approach is the key to discovering new solutions."**

# Why an interdisciplinary approach to teaching and learning?

A world of change



Rapid growth of knowledge



Preparing for the future



PISA, TIMS results



Highlighting the Need for Holism



Functional, applicable knowledge, knowledge about knowledge



**The need to overcome traditional approaches to teaching and learning**



# IDENTIFICATION OF THE TERM

***Interdisciplinarity***

***Interdisciplinary teaching***

***Interdisciplinary learning***

# TRADITIONAL VERSUS INTERDISCIPLINARY APPROACH

<b>PARAMETARS</b>
<b>Role of the teacher</b>
<b>Focus of teaching</b>
<b>Forms of teaching work</b>
<b>Lesson plans</b>
<b>Teaching methods</b>
<b>Asseesment</b>

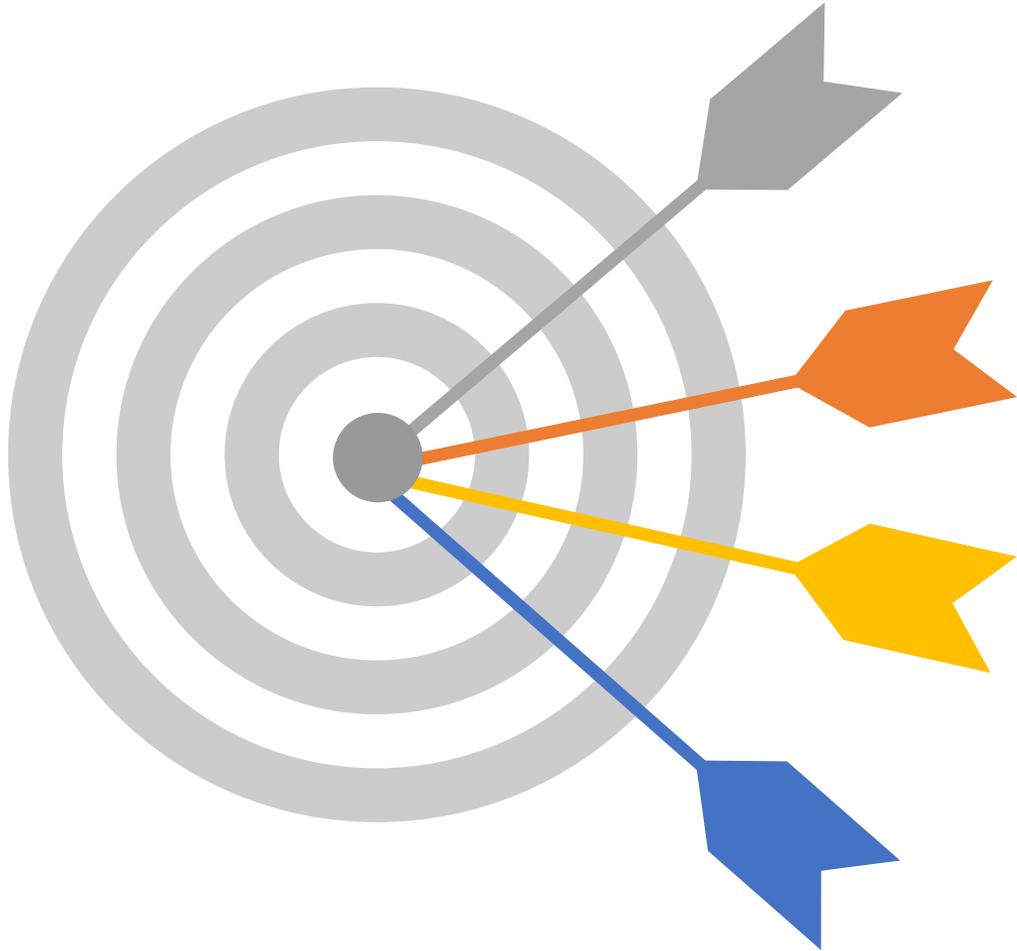
# INTERDISCIPLINARITY, MULTIDISCIPLINARITY, TRANSDISCIPLINARITY

- DEFINITION
- APPROACH
  - GOALS

# DIFFERENCES BETWEEN INTEGRATED TEACHING AND INTERDISCIPLINARY TEACHING

- FOCUS
- GOALS
- METHODS
- EXAMPLES

# INTERDISCIPLINARY APPROACH GOALS



Holistically developed personality;



Developing and nurturing the ability for interdisciplinary thinking among students

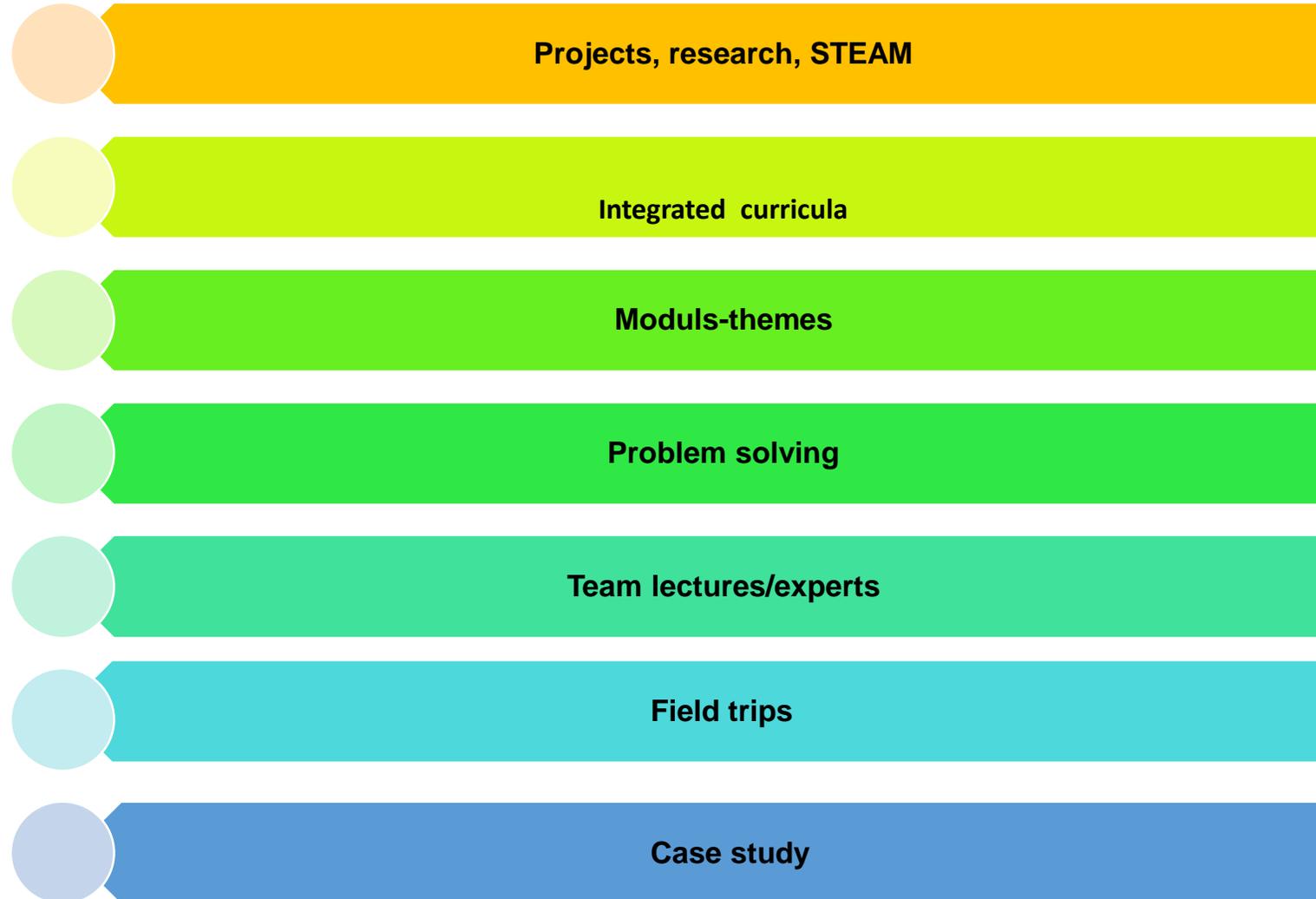


Application of theoretical concepts from different disciplines in a specific context, acquiring applicable, practical knowledge



Greater motivation, creativity, teamwork, cooperation, good communication

# APPLICATION OF AN INTERDISCIPLINARY APPROACH



# STEPS TO IMPLEMENT AN INTERDISCIPLINARY APPROACH

**Identifying important topics, current events, and social issues**

**Working with colleagues to plan and develop interdisciplinary units by sharing ideas, resources, and expertise.**

**Designing interdisciplinary projects with clear goals and connections between different disciplines.**

**Creating inquiry-based learning opportunities through experimentation and real-world problems**

**Project based learning**

**Implementation of technology, tools for researching**

**Linking learning to real-world contexts through guest speakers, field trips, and case studies.**

**Assessing interdisciplinary learning using rubrics that measure knowledge and connections.**

**Reflecting and adapting based on feedback from students and colleagues to support improvement and growth.**

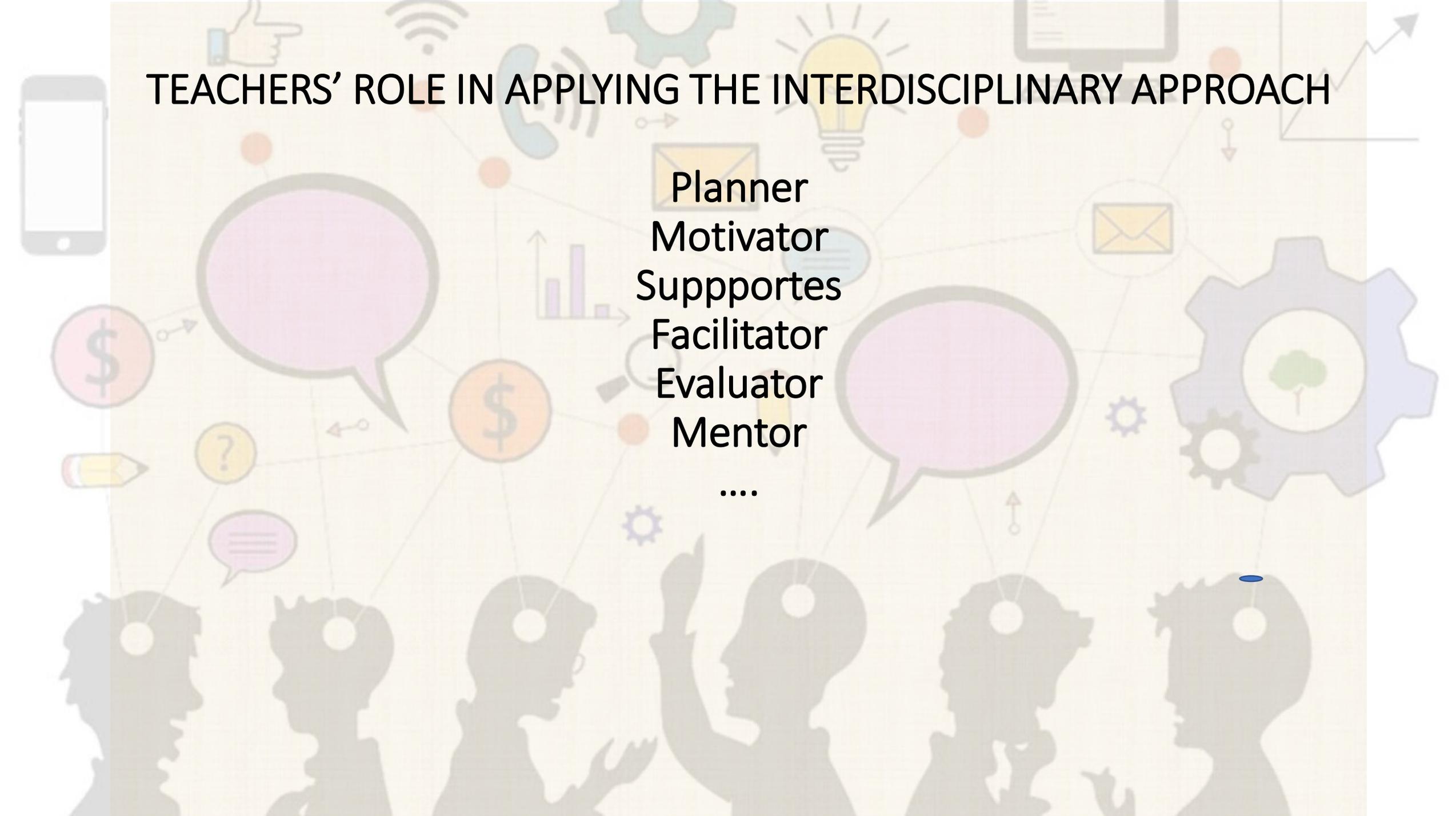
# BENEFITS OF APPLYING AN INTERDISCIPLINARY APPROACH IN TEACHING AND LEARNING

- Benefits for students
- Benefits for teachers
- CHALLENGES

# TEACHERS' ROLE IN APPLYING THE INTERDISCIPLINARY APPROACH

Planner  
Motivator  
Supporter  
Facilitator  
Evaluator  
Mentor

....



Foreign language

Science

***"The true power of education lies in the ability to combine knowledge from different fields to create new innovations."***

Interdisciplinary approach

Hindi

Art

**Thank you for your attention!**