



אורנים • המרכז האקדמי לחינוך וחברה

ORANIM

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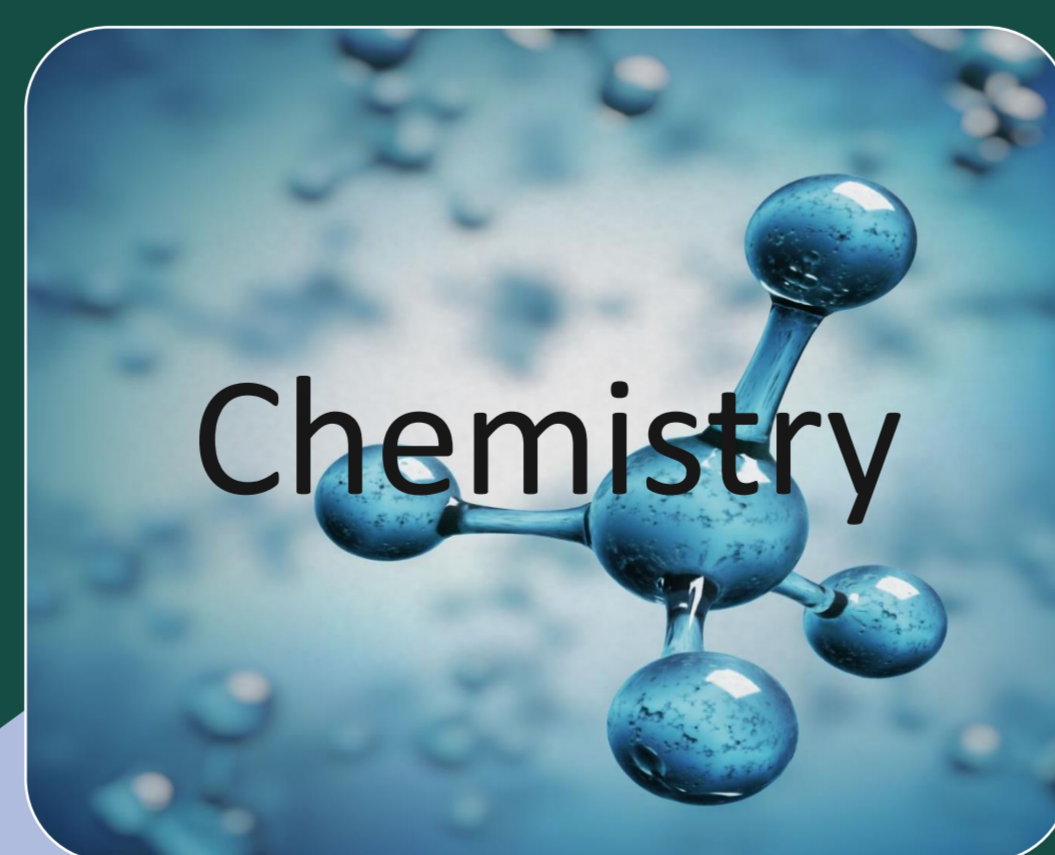
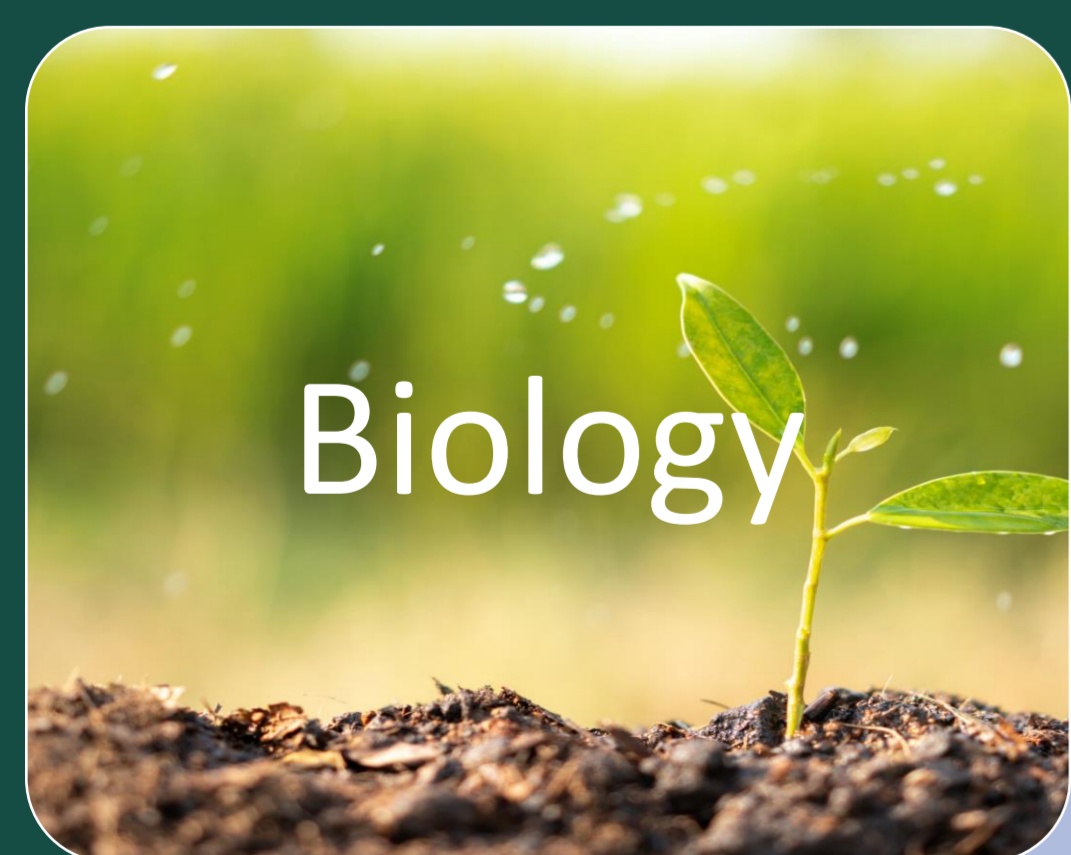
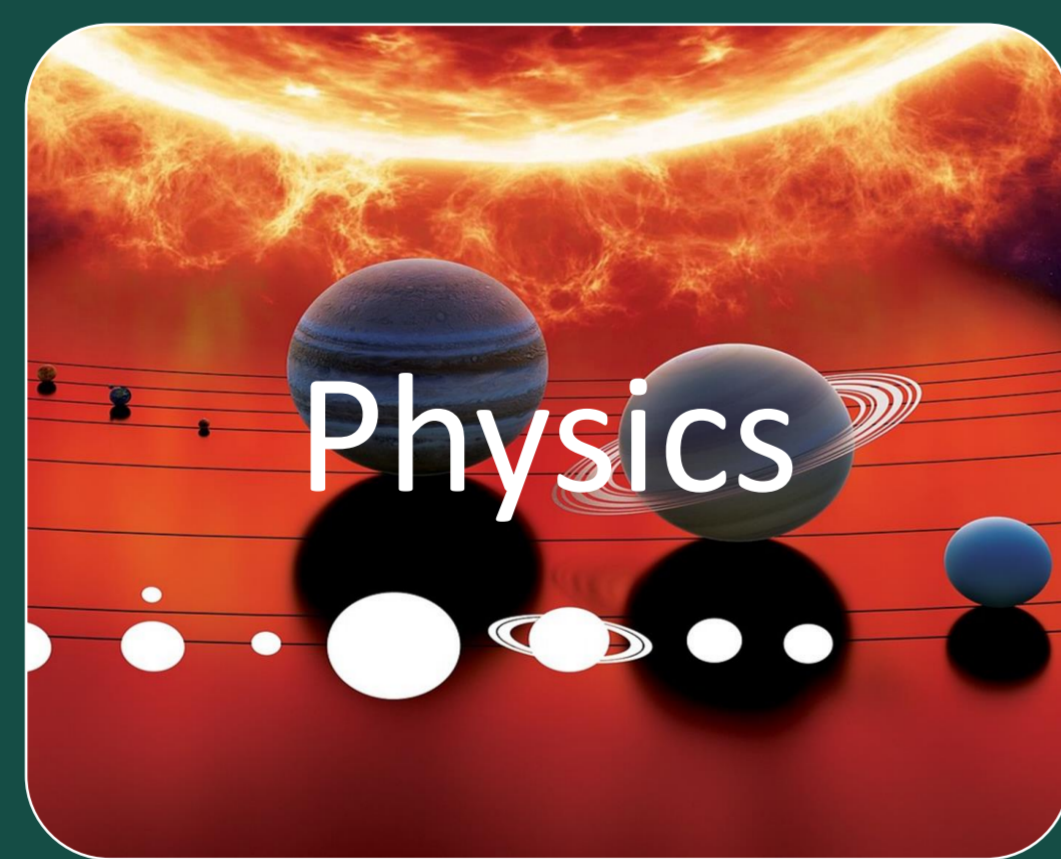
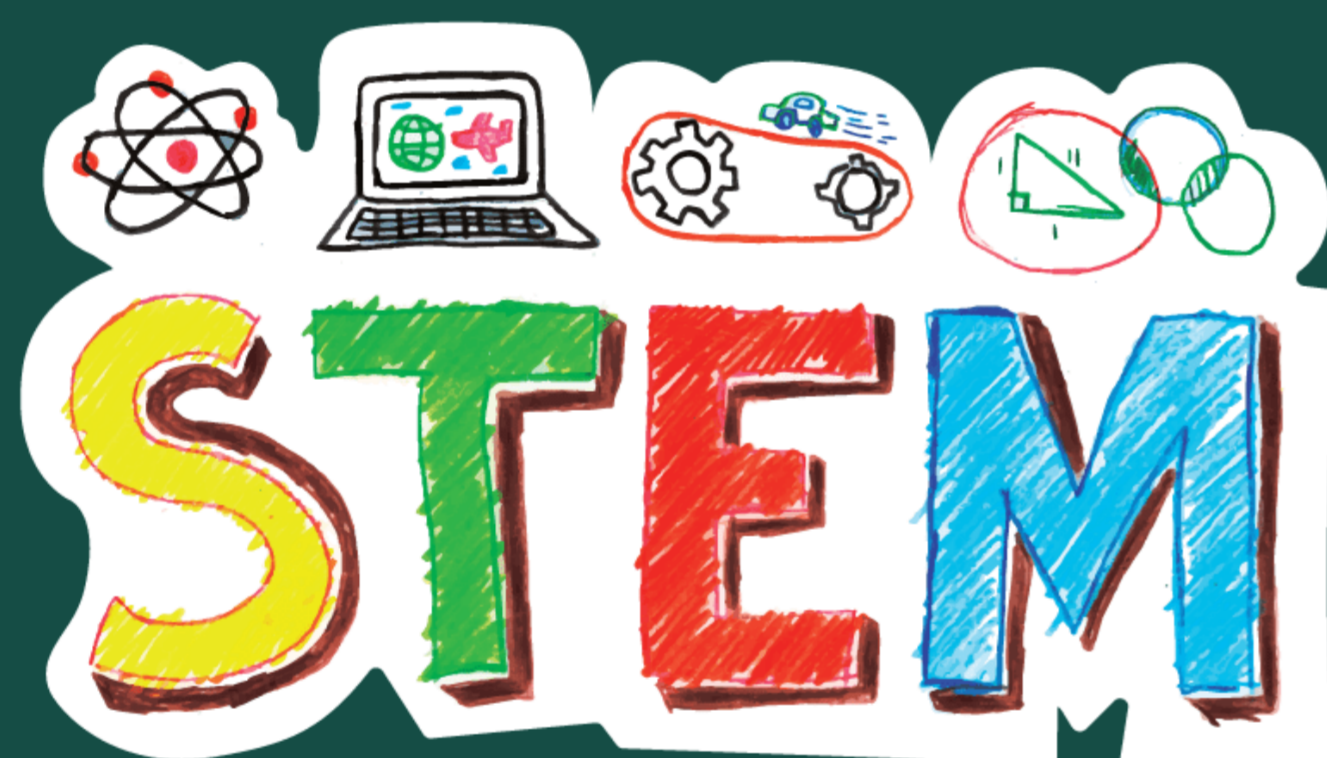
THE SEARCH FOR LIFE IN THE UNIVERSE: DESIGNING & IMPLEMENTING A COURSE FOR M.Ed. SCIENCE TEACHERS

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The course:

- 82 M.Ed. Students (Eldar & Miedijensky 2015)
- In service High-school Teachers (physics, Biology, Chemistry)
- 3 courses (2018-2022)
- 28 hours

Meta Design Principle (kali et al 2020)	Specific Design Principle (kali et al 2009)	Course tasks
<ul style="list-style-type: none"> • Help students learn from each other • Make thinking visible • Make content accessible • Promote autonomous learning 	<ul style="list-style-type: none"> • Peers Instruction • Build on student ideas • Reuse student artifacts • Encourage reflection 	<ul style="list-style-type: none"> • A • B • C • D



A: Define Life



B: Were to search



C: How to search



D: Reflective summary



Sevilla, Spain 7-8/11/2022

