

Current Curricula of Physics

Spiraling Curricula

- Spiraling curricula between secondary and JC level.
- As a result, some topics/concepts taught might seem to be inconsistent between secondary and JC.
- Teachers might need to acknowledge that certain models are due to approximation/limitation and guide the students accordingly.

Over-teaching and Pitching

- Over-teaching and pitching at the right level
- Physics may be made too tough beyond students' abilities.

Option topics

- Option topics: Medical, communication, transport, etc might be good application topics on Physics concepts.
- This might excites students to take Physics.
- “White space” can be used by teachers to go further on application of concepts.

- Teaching depends a lot on “assessment” rather than syllabus.
- Assessment on concepts and understanding rather than contents regurgitation.