

Memory Challenges: Misconceptions

Misunderstanding a Concept when You Think You have Understood the Concept

Misconceptions often result in:

- Fuzzy and Superficial understanding
- Concepts are Mixed up

Examples of Misconceptions...

- Physics: Confusing Velocity with Acceleration
- Biology: Confusing Myosis with Mitosis

Students often can study long hours before Exams but ...

- Many of their Misconceptions have not been addressed

Misconceptions are often a Major source of errors on Exams and can have a major impact on Your GPA

Effective Techniques for Overcoming Misconceptions:

- Use the Timed Short-Quiz Technique for testing your understanding of Concepts
- Ask “*How*”, “*What*”, “*Why*” Questions to Examine Your In-Depth Understanding of Concepts