

Sports and Health Sciences

Use of RLO's and MLO's to enhance student engagement

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Learning Object

What are they?

- Small (2-15 minutes) Units of learning
- Self-contained
- Reusable and adaptable
- Shared resource

What's in it for me?

- Many already exist
- Supports learning
- They're adaptable
- Embedded easily
- Picked up by search engines

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Types of Learning Objects

- Reusable (RLO) & Mobile (MLO)
- Can be used in a variety of subject areas
- Used with mobiles and/or ipods
- Put's the student in control of their own learning
- Available whenever, wherever needed

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Where can get them from?

- JISC (<http://www.hefce.ac.uk/Learning/tinits/cetl/final/>)
 - 74 Centres for Excellence in Teaching and Learning (CETL)
 - Established in 2005 using HEFCE funding
- Centre for Excellence in Teaching and Learning in Reusable Learning Objects
 - Lead institution: London Metropolitan University
 - Partner Institutions: University of Cambridge and the University of Nottingham
 - www.rlo-cetl.ac.uk

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RLO Examples (1) Muscle Mechanics: Load Arm



Aim of RLO: To conceptualise and model the mechanical system acting at the elbow joint with reference to the load arm moment.



Centre for Excellence in Teaching and Learning in Reusable Learning Objects www.rlo-cetl.ac.uk

RLO Examples (2) Glomerula Filtration



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What resource?

- Create an RLO for Sports therapy
 - Injury and treatment of
- Embed it in WebCT and/or mobiles and Ipods
- Create and embed quizzes for use in the same mediums

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Developing the RLO

- Introduce the idea to academics with a showcase of examples
- Establish contacts
- Discuss the specification
- Highlight and resolve issues that concern academics
 - Tasks and time
- Centralise completed resource and advertise

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