CHAPTER 10		BLM 10.1.7
HANDOUT	**Thought Lab 10.1: Designing a Muscle Fibre Model**	

Purpose: To design a working model of a skeletal muscle fibre.

Procedure

1. In a group, review your understanding of the mechanics of muscle fibre contraction. Brainstorm ideas for designing a model to demonstrate how a skeletal muscle fibre works.
2. Choose one design, and sketch and label its components. Identify all the materials you would need to construct the model.
3. Prepare a summary sheet to outline how you expect your model to work.
4. With your teacher's permission, construct your model.

Analysis

1. Compare your model with the models of other groups. How does your model differ from the others? How is it the same?

2. How would the muscle fibre you modelled fit together with other muscle fibres to form muscle tissue?

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