



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 12 COURSE NAME: Anatomy and Physiology**  
**MEASUREMENT TOPIC: Explain the Structure of the Muscular System**

<b>4</b>	In addition to Score 3, the student makes in-depth inferences and applications. <ul style="list-style-type: none"><li>• Demonstrate understanding of a pathological condition impacting the muscular system (muscular dystrophy, myasthenia gravis, ALS) and treatment options (medications, surgical procedures, etc.) for that condition.</li></ul>
<b>3</b>	The student can: <ul style="list-style-type: none"><li>• Construct a model to illustrate and explain one of the structures of the muscular system.<ul style="list-style-type: none"><li>• Include muscle location, origin, and insertion</li></ul></li><li>• Explain muscle fatigue and tone in terms of muscle cell physiology.</li></ul>
<b>2</b>	The student can: <ul style="list-style-type: none"><li>• Develop and use models to describe the microanatomy of muscles.</li><li>• Develop and use models to demonstrate knowledge of the macroanatomy of the muscular system.</li></ul>
<b>1</b>	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

**Key Vocabulary:**