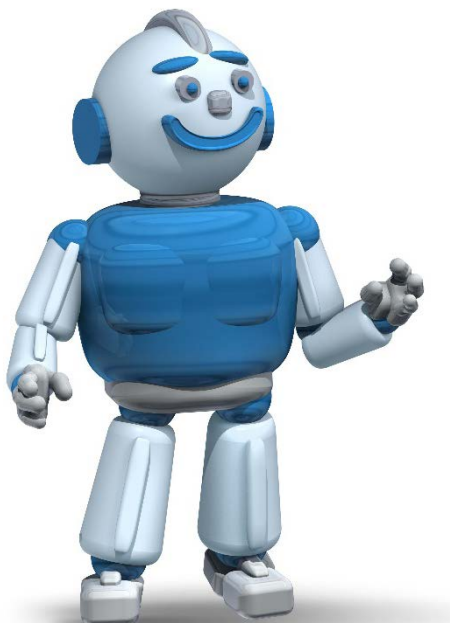
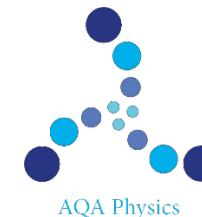


Milestone Review

Magnets



MASTERING	<ul style="list-style-type: none">• Draw the magnetic field around a solenoid.• How can the force acting on a wire be calculated?• Explain what is meant by the 'motor effect'.• Explain how you can predict the direction in which a straight conductor moves in a magnetic field.<ul style="list-style-type: none">• Explain the motion of a DC motor.
SECURE	<ul style="list-style-type: none">• Draw a diagram to show the magnetic fields around two bar magnets that are repelling.<ul style="list-style-type: none">• Describe two ways that a magnetic field can be shown.• Describe how the strength of an electromagnet can be increased.• Describe the magnetic field around a current-carrying wire.• Describe how the size of a force acting on a wire can be increased.
DEVELOPING	<ul style="list-style-type: none">• Name some metals that are magnetic.<ul style="list-style-type: none">• What type of force is magnetism?• Draw the magnetic field around a bar magnet.• What is the difference between a permanent and induced magnet?