

<p>75 min</p>	<p>Learning Goals</p> <ul style="list-style-type: none"> • Wave Terminology: Period, Frequency, Amplitude, Wavelength, Speed, trough, crest • Pulse vs Wave • Wave is a vibration travelling in a medium • The speed of travel depends on the medium and not the wavelength or frequency • Wave Types: Transverse and Longitudinal <p>Curriculum Expectations: Same as in Lesson 2.</p>	<p>Materials Bobs String Meter stick Class Handout: http://tinyurl.com/speedofwaveshandout</p>
<p>Minds On...</p> <p>10 min</p>	<ul style="list-style-type: none"> • Students are asked to tell the call a summary of their observations from the slinky activity. 	<p>Teacher reference: http://tinyurl.com/coupledpendulums</p>
<p>Action!</p> <p>15 minutes</p> <p>15 minutes</p> <p>30-35 minutes</p>	<ul style="list-style-type: none"> ▲ Take up homework from the previous lesson ▲ Watch khan academy video http://tinyurl.com/khanacademyspeedofwave ▲ Wave speed Handout http://tinyurl.com/speedofwaveshandout Students will work in groups of three on this handout 	<p>Teacher monitors group progress and offers hints as necessary.</p>
<p>Consolidate Debrief</p>	<p>No consolidation or debriefing.</p>	
	<p>Home Activity or Further Classroom Consolidation</p>	