ARTFUL WAVES: THE DYNA'BROLLY

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• Mechanical Waves – Waves in water and sound waves in air are caused by a disturbance in the medium.

• Classical waves transfer energy without transporting matter through the medium.
• The speed of the wave on a cloth is governed by the tension in the cloth and its mass.

• The more tension, the faster the wave.

• The heavier the cloth, the slower the wave.

• Very light cloths are more affected by air friction.
• The acceleration is proportional to the radius.

• The speed of the wave on the outside is faster than that on the inside.

• The effect of the air friction and gravity leads to the shape of the waves.

• The heavier the cloth, the slower the wave.