

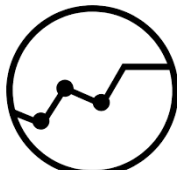
Tools



Physics NYA



Activities
Learning Objectives



Artefacts
(Formative)



Assessments

Blocks

Activity

Artef.

Assess.

M/W
Recurring Blocks

Content

Week 1

Introductory activity:
Mechanics Scavenger Hunt

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-Students recognize and represent diagrammatically the four basic concepts used for the course: kinematics, forces, energy, and momentum.
-Students are able to identify examples of these in the real world.

Diagrams


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Scavenger Hunt

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Motion Diagrams Gallery Walk

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


Motion Diagrams

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Motion Graphs Distributed Problem Solving

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Motion Graphs

▼


Motion Graphs

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Week 2

Case Study Part 1: 1D Motion

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Vertical "Projectile" Analysis

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Case Study Part 2: Projectile Motion

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2D Projectile Analysis

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Week 3

Relative Motion

▼



2D Projectile Analysis

▼

Intro

1D Motion

2D Motion