



\* This Force and Motion example is for preview only. See slide 4 for sample pages of product.

## About This Product

It's no secret that I believe traditional science interactive notebooks are one of the best learning tools for students. However, it wasn't until the pandemic of 2020, which forced teachers and students into remote learning, that I realized how naive I was about the potential success students could also have using a digital interactive notebook.

I have watched, listened, and learned from teachers who have found digital interactive notebooks incredibly successful for their students. Knowing this is something teachers need, I have worked hard to design the NGS Magnified Digital Notebook series to help your students learn the content and allow them to interact with their (right-side) notes to complete the (left-side) activities to apply what they've learned. I've also included various activities to meet your students' multiple learning styles - all the best elements of a traditional interactive notebook.

# Let's Begin

NGS Magnified Digital Notebooks are the perfect tool for:

- Remote Learning
- Flipped Classroom
- 1 to 1 Learning
- Absent Students

NGS digital notebooks mirror the NGS interactive notebooks. Digital notebooks are an excellent resource for three reasons:

1. Organization - Digital notebooks can help students keep their work in one place and find what they need.
2. Promote independent learning - Digital notebooks empower students to take ownership of their learning, exploring in-depth concepts and revisiting them as needed.
3. Real-time collaboration and feedback - Digital notebooks provide real-time collaboration between students and teachers. Teachers can provide immediate feedback on student work, and students can collaborate with peers.

# Student Digital Notebook

The student notebook is on Google Drive and ready for you to share with your students. Here's a quick overview of the features:

Set up like a traditional interactive notebook with input and output sides.

Hyperlinked tabs so student can easily move through chapter for review

Students watch video < 6 min to complete notes.

3 - Force and Motion INB - Student

File Edit View Insert Format Slide Arrange Tools Add-ons Help Last edit was seconds ago

Background Layout Theme Transition

Directions: Play each video, then match the distance-time graph that plots the motion. Not all graphs will be used.

**GRAPHING MOTION**  
Motion of an object can be plotted on a distance-time graph.

**DESCRIBING MOTION**

Motion -  
Distance -  
Displacement -  
Speed -

Average speed ( $v$ ) =

Type of Speed	Description	Example
Instantaneous		
Average		
Constant		

DESCRIBING MOTION  
MOTION & ACCELERATION  
MOTION & FORCE  
MOTION & MASS  
GRAVITY  
CLASSICAL MECHANICS

Describing Motion

For further exploration, click button(s) below:

Motion Graph Practice

Average Speed Formula

Encouraging independent learners. Directions for output side are here along with what they need to complete the activity.

Notes are chunked into manageable sections with large spaces for textboxes

Some pages have links so students can go deeper into the topic if they need.

# Preview of Pages





Thank you for sharing NGS Magnified with your students!

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