

Contents of Momentum Folder

There are 7 folders inside of the Momentum folder. Each folder contains a PowerPoint slide deck. The slide deck can be used as a PowerPoint or be imported into Google Slides. The folder also contains a PDF and Microsoft Word version of the Lesson Notes. Finally, there is an **Images** folder inside each of the folders. The images folder contains animations (usually .gif or .mp4), movies (usually .mp4), and graphics (usually .png) used in the slide deck. Often times there is a Microsoft Word document that contains the source of one or more line graphics. The availability of the MS Word document will allow teachers to manipulate any of the graphics as desired. All the images included in the PowerPoint slide deck are not necessarily saved in the Images folder. They can be edited within PowerPoint or Google Slides (if needed).

	PowerPoint Topic	File Name
1.	What is Momentum?	Momentum
2.	Impulse and Momentum Change	Impulse
3.	Controlling a Collision with $F \cdot \Delta t = m \cdot \Delta v$	CollisionControl
4.	Action-Reaction and the Law of Momentum Conserv'n	MomentumConservation
5.	Collision Analysis and Problem-Solving	CollisionAnalysis
6.	Explosions and Momentum Conservation	Explosions
7.	Proportional Reasoning and Collision Analysis	ProportionalReasoning

In addition to the PowerPoints and Lesson Notes, the Momentum folder contains several animations and videos (and also graphics). You will find the following animations and videos included in the Momentum folder at the following locations:

Folder	File Name	Format	Duration
MomentumConservation	CarTruck	.mp4, .gif	0:03
	Explosion	.mp4, .gif	0:03
	RedBlueCollision	.mp4, .gif	0:02
ProportionalReasoning	TruckCarCollision	.gif	0:09
	BigFishSmallFish	.gif	0:15
	DieselFlatcar	.gif	0:09
	20g_60g_vi80cps	.mp4, .gif	0:09
	20g_80g_vi80cps	.mp4, .gif	0:10
	20g_100g_vi80cps	.mp4, .gif	0:12