Contents of Circular and Satellite Motion Folder
There are 13 folders inside of the Circular and Satellite Motion 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.	Velocity and Acceleration	VelocityAcceleration
2.	The Centripetal Force Requirement	CentripetalForce
3.	Inertia and Moving in Circles	InertiaAndCircles
4.	Mathematics of Circular Motion	MathOfCircMotion
5.	Circular Motion and Newton's Second Law	N2LawAndCirMotion
6.	The Physics of Roller Coasters	CoasterPhysics
7.	The Apple, the Moon, and Universal Gravitation	AppleAndMoon
8.	Newton's Law of Universal Gravitation	UniversalGravn
9.	The Value of g	ValueOfg
10.	Kepler's Three Laws	KeplersLaws
11.	Circular Motion Principles for Satellites	SatelliteMotion
12.	Satellite Motion Mathematics	OrbitalMathematics
13.	Weightlessness in Orbit	Weightlessness

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

Folder	File Name	Format	Duration
VelocityAcceleration*	CircMotionVelVector	.mp4, .gif	0:13
	CircMotionVelVector2	.mp4, .gif	0:12
	CorkAccelerometerMovie	mp4, .gif	0:25
CentripetalForce*	vaFAnimation	.mp4, .gif	0:12
	TangVelocity	mp4, .gif	0:59
InertiaAndCircles*	WhiteboardNoDoor	.mp4, .gif	0:07
	WhiteboardWithDoor	.mp4, .gif	0:08
	BucketWhirl	.mp4	0:08
	RtHandTurnA	.mp4, .gif	0:06

	RtHandTurnB	.mp4, .gif	0:10
CoasterPhysics	CoasterLoop	.gif	0:18
AppleAndMoon*	NewtonsCannon	.mp4, .gif	0:38
ValueOfg*	gAnimation	.mp4, .gif	0:27
KeplersLaws	EqualAreas	.mp4, .gif	0:13
Weightlessness*	TheRideFloor1to20	.mp4, .gif	0:29
	TheRideFloor20to1	.mp4, .gif	0:26

* We provided a second PowerPoint designed for importing into Google Slides.