

Contents of Reflection and Mirrors Folder

There are 14 folders inside of the Reflection and Mirrors 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.	Light and Sight	LightSight
2.	The Law of Reflection	LawOfReflection
3.	Specular vs. Diffuse Reflection	DiffuseReflection
4.	Image Formation by Plane Mirrors	ImageFormation
5.	Plane Mirror Image Characteristics	PlaneMirrorImages
6.	Ray Diagrams for Plane Mirrors	PlaneMirrorRayDs
7.	The 6-Foot Person Problem	SixFootProblem
8.	Introduction to Curved Mirrors	CurvedMirrorIntro
9.	Concave Mirrors: Light Reflection and Image Formation	ConcMReflection
10.	Concave Mirrors: Ray Diagrams	ConcaveMRayDs
11.	Characteristics of Concave Mirror Images	ConcaveMirrorImages
12.	Convex Mirrors: Light Reflection and Image Formation	ConvMReflection
13.	Convex Mirrors: Ray D's and Image Characteristics	ConvexMRayDs
14.	The Mirror Equation and Magnification Ratio	MirrorEquation

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

Folder	File Name	Format	Duration
LawOfReflection	SightingAtImage	.gif	0:18
ImageFormation	ParallaxAnimn	.gif	0:12
	LineOfSightAnimation	.gif	0:20
	ImageFormation	.gif	0:19
PlaneMirrorImages	ReverseLettering	.gif	0:22
	EyeChartAnimn	.gif, .png	0:26
	WhatsAnImage	.gif	0:19
ConcaveMirrorImages *	OpticsBenchDemo	.mp4, .gif	0:32
ConvexMRayDs *	OpticsBenchSimn	.mp4, .gif	0:22

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