





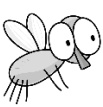








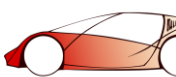
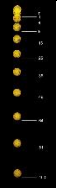

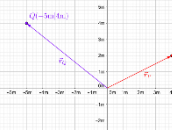

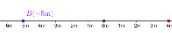

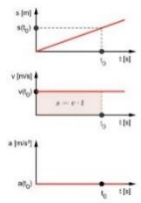








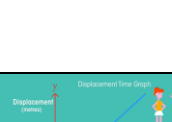



DU 8. IMAGES					
CAPTURA	REFERENCIA	NOME	AUTORÍA	REPOSITORIO/URL	LICENZA
	Figure 1.20	Atom Sym	Orion1961	https://commons.wikimedia.org/wiki/File:Atom_sym.png	 CC BY-SA 4.0
	Figure 8.1	8people girl london	pigsels	https://www.pigsels.com/en/public-domain-photo-fkscp	 CC0.
	Figure 8.2	8in the train	pigsels	https://www.pigsels.com/en/public-domain-photo-zkchc	 CC0.
	Figure 8.3	8fly	KristiinaLuuk	https://pixabay.com/es/illustrations/volar-escarabajo-insecto-insecto-5232195/	 CC0.
	Figure 8.4	8CHEETAH	flickrfavorites	https://www.flickr.com/photos/38485387@N02/3580728177	 CC BY 2.0
	Figure 8.5	8snail	pigsels	https://www.pigsels.com/en/public-domain-photo-jzvrg	 CC0.
	Figure 8.6	8speedometre	rawpixel	https://www.rawpixel.com/image/5920945/photo-image-public-domain-free-car	 CC0 1.0 Public Domain Dedication
	Figure 8.7	8car velocity	Clker-Free-Vector-Images	https://pixabay.com/es/vectors/cabrio!%c3%a9-coche-chico-onda-sonrisa-310460/	Pixabay License Gratis para usos comerciales No es necesario reconocimiento
	Figure 8.8	8red car	Clker-Free-Vector-Images	https://pixabay.com/es/vectors/rojo-deportes-coche-transporte-33358/	Pixabay License Gratis para usos comerciales No es necesario reconocimiento

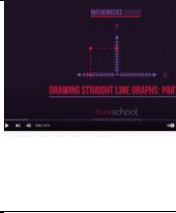

	Figure 8.9	8falling ball	MichaelMagg	https://commons.wikimedia.org/wiki/File:Falling_ball.jpg	 CC BY-SA 3.0
	Figure 8.10	8reference frame 2D	MikeRun	https://commons.wikimedia.org/wiki/File:Example-position-2d.svg	 CC BY-SA 4.0
	Figure 8.11	8reference frame 1D	MikeRun	https://commons.wikimedia.org/wiki/File:Example-position-1d.svg	 CC BY-SA 4.0
	Figure 8.12	8graph ULM	MikeRun	https://commons.wikimedia.org/wiki/File:Uniform-motion.svg	 CC BY-SA 4.0
	Figure 8.13	8graph types	Wallusy	https://pixabay.com/es/illustrations/gr%C3%A1ficos-mesas-grafico-estad%C3%ADsticas-6246450/	Pixabay License Gratis para usos comerciales No es necesario reconocimiento

DU 8 CREDITS



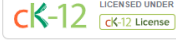






DU 8. VIDEO

	Video 8.1	8videokeep moving song	Carina and Sam de Vetter	https://www.youtube.com/watch?v=KOi4iaEWcG4	Creative Commons Attribution licence (reuse allowed)
	Video 8.2	8video speed acceleration	FuseSchool - Global Education	https://www.youtube.com/watch?v=ybcNhKxD7TM&t=36s	Creative Commons Attribution licence (reuse allowed)
	Video 8.3	8video speed vs velocity	Dean's Tutorials	https://www.youtube.com/watch?v=qaRSsHifx0k	Creative Commons Attribution licence (reuse allowed)
	Video 8.4	8video scalars vs vectors	Dean's Tutorials	https://www.youtube.com/watch?v=V9vIHCF9W0	Creative Commons Attribution licence (reuse allowed)
	Video 8.5	8video Apollo 15 Hammer-Feather drop	NASASolarSystem	https://www.youtube.com/watch?v=oYEgdZ3IEKA	Creative Commons Attribution licence (reuse allowed)
	Video 8.6	8video slope in position time graph	MrsPortwoodsClass	https://www.youtube.com/watch?v=nRXvEFcLCT4&ab_channel=MrsPortwoodsClass	Licenza de atribución de Creative Commons (reutilización permitida)
	Video 8.7	8video distance time graphs	FuseSchool - Global Education	https://www.youtube.com/watch?v=TG2Y2MDx-zE	Creative Commons Attribution licence (reuse allowed)
	Video 8.9	8video fastest things in the universe	Merno's universe	https://www.youtube.com/watch?v=rfA4kcYmWHY	Creative Commons Attribution licence (reuse allowed)

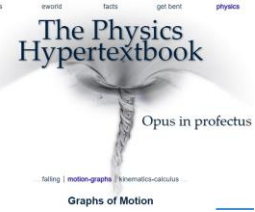






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	Video 8.10	8video how to plot linear graphs	FuseSchool - Global Education	https://www.youtube.com/watch?v=a6hlaNvWE78	Creative Commons Attribution licence (reuse allowed)
		8videoaccelerationandgraphs	Srinivasa Rao Kalepu	https://www.youtube.com/watch?v=H0_EA26-qtM	Creative Commons - Attribution 3.0 Unported


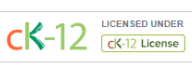






DU 8. SIMULACIONES

	8phet_simulations_The_moving_man	by PhET Interactive Simulations, University of Colorado Boulder/	https://phet.colorado.edu/sims/cheerpi/moving-man/latest/moving-man.html?simulation=moving-man	University of Colorado Boulder, licensed under CC-BY-4.0 (https://phet.colorado.edu)
	8CK-12 sim velocity and acceleration	By ck12 Exploration Series. Physics Simulations simulations	https://interactives.ck12.org/simulations/physics/irwin-and-ruthie/app/index.html?hash=d8bde8128f41f65d0aba57fb7565030c&source=ck12&artifactID=1732588&referrer=concept_details&encodedID=SCI.PHY.051	
	8sim Javalab principle of satellite	By JavaLab	https://javalab.org/en/principle_of_satellite_en/8sim	 CC BY-SA
	8sim Javalab constant velocity	By JavaLab	https://javalab.org/en/constant_velocity_en/	 CC BY-SA
	8sim Javalab uniformly accelerated motion	By JavaLab	https://javalab.org/en/uniformly_accelerated_motion_en/	 CC BY-SA

DU 8. WEB RESOURCES / ACTIVITIES

	The Physics Hypertextbooks Graphs of Motion. Practice	The Physics Hypertextbook ©1998–2022 Glenn Elert Author, Illustrator, Webmaster	https://physics.info/motion-graphs/practice.shtml
	CK-12 CONTENT mOTION		https://www.ck12.org/physics/Motion/
	Kinematics Lesson 1. Speed and velocity		https://www.physicsclassroom.com/class/1DKin/Lesson-1/Speed-and-Velocity
	Ducksters.com Speed and velocity		https://www.ducksters.com/science/physics/speed_and_velocity.php

DU 8. TEXTBOOKS / LESSONS/ARTICLES

	8CK-12 read Motion		https://www.ck12.org/physics/motion/lesson/Motion-MS-PS/?referrer=concept_details	©CK-12 Foundation Licensed under 
	8ck12 textbook physical science	 CK-12 Physical Science Concepts for Middle School	https://www.oercommons.org/courses/ck-12-physical-science-concepts-ca-textbook-for-middle-school	
	8Velocity time graph worksheet and answers	TES olivia_calloway	https://www.tes.com/teaching-resource/velocity-time-graph-worksheet-and-answers-11325549	 CC BY-SA