

Digital learning tools

Production					
	Name	Description	Costs	Link	User benefit
Fotos and graphics	Adobe Photoshop	Software for image editing and designing photos, illustrations and 3D graphics for Mac and Windows. Also for designing websites and apps and editing videos	Fee	https://www.adobe.com/products/photoshop.html	Versatile and sophisticated media editing options, hardly any limits to creativity
	Comic Strip IT	Android App to create comics with typical elements (speech bubbles, image effects, onomatopoeia, etc.) from images on the device or integrated photo functions	Basic version free – fee for full version	http://www.comicstripit.com/	Simple creation of comics with step-by-step explanations
	Pixlr	Web-based image editing with various tools, including a AI image generator.	Free	https://pixlr.com/	Free and versatile image editing, web-based, can be used anytime and anywhere
	canva	Create graphics using various templates	Free	https://www.canva.com/en/	Free creation of simple graphics, many templates available



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Audio	Lexis Audio Editor	Voice recording and editing of audio files, functions: "Reverse", "Pitch", "Tempo", "Noise cancellation", "Echo", "Rec in selection"	Free	https://www.lexisaudioeditor.com/	Free and easy to use for editing audio files in numerous formats
	Audiosdroid Audio Studio	Sound and music recorder, editor and mixer for Android; for example, overlaying audio tracks	Free	https://play.google.com/store/apps/details?id=com.audiosdroid.audiostudio&hl=en_US	Free and easy to use for audio files
	Audacity	Recording studio technology at home; audio editor and recorder	Free	https://www.audacityteam.org/	Fast and effective work in the recording studio with simple management of the functions
	Name	Description	Costs	Link	User benefit
Video	My Simple Show	Creating explanatory videos	Basic version is free – expandable for a fee	https://shotcut.org/	Simple creation, many templates, own sound recording possible, but also automated dubbing
	Powtoon	Creation of animated videos, recording options	Basic version is free –	https://www.powtoon.com/home/	Creation of animated videos, many



			expandable for a fee		recording options
Stop Motion Studio	Creation of stop motion videos with own images	Only limited free use – full version for a fee		https://www.cateater.com/try.html	Simple creation of individual animated films
Hitfilm-Express	Free video editing software to create a variety of video content	Basic version is free		https://fxhome.com/product/hitfilm	wide range of functions and professional results
Open Broadcaster Software Studio	Record your own videos, desktop-recordings, live streams	Free		https://obsproject.com/	Free software for video recording and live streaming for Windows, Mac and Linux
Shotcut	Editing videos, converting to different formats, streaming via network, further processing using filters and effects	Free		https://shotcut.org/download/	Free video editor for editing videos, clips and converting recordings
Explain Everything	Create presentations, insertion of images and videos possible, live videos and recordings, creation of storyboards, graphics and mind maps	Free trial including, e.g., a 3-minute video		https://explaineverything.com/	Versatile presentation options that provide transparency and capture interest



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Exercises	Duolingo	Variety of task types for learning a foreign language, grammar content, feedback	Free	https://en.duolingo.com/	Learn a language free of charge, mobile and at your own pace with motivating feedback
	Name	Description	Costs	Link	User benefit
Presentation	PowerPoint	Presentation programme from Microsoft	Part of the Microsoft Office package and therefore subject to a charge, can be used free of charge via Microsoft Office365 or via googledocs	https://www.microsoft.com/en-gb/microsoft-365/	Variety of Templates, create presentations that present simple and more complex content in an appealing way, creation of video presentations with voice over is possible
	H5P	Creating interactive (learning) content for the web. Forms of content already available include videos or presentations with embedded quizzes of various kinds, timelines or a memory game.	Free	https://h5p.org/	Wide range of options, easy to use, includes direct options for sharing and modifying (OER)



Explain Everything	Create presentations, insertion of images and videos possible, live videos and recordings, creation of storyboards, graphics and mind maps	Free trial including, e.g., a 3-minute video	https://explaineverything.com/	Versatile presentation options that provide transparency and capture interest
Timeline	Web-based quick creation of a clear timeline (e.g. for history lessons)	14-days trial version	https://www.timelineapp.co/	Simple and clear presentation of content in the form of a timeline
Prezi	Presentation software with a variety of vivid display options	Free	https://prezi.com/	Variety of Templates, create presentations that present simple and more complex content in an appealing way - a good alternative to PowerPoint
canva	Create presentations using various templates	Free	https://www.canva.com/en/	Free creation of presentations that can be shown online or downloaded, variety of templates



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Experiments	Phyphox	App to digitally support physical experiments	Free	https://phyphox.org/download/	Easily create and display mathematical content with the help of countless functions
	Geogebra	Dynamic math software for secondary school teaching, combining geometry, algebra and analysis, 3D simulations	Free	https://www.geogebra.org/	Easily create and display mathematical content with the help of countless functions
	Name	Description	Costs	Link	User benefit
Games	kahoot!	Game-based learning platform, pupils can answer questions in a kind of competition, can increase learning motivation and can allow determination of prior knowledge or level of knowledge, anonymity of the pupils, survey option	Free	https://kahoot.com/	Playful and motivating knowledge query (e.g. vocabulary, historical data or definitions) on mobile devices
	GoConqr	Versatile platform, creation of slide sets, index cards, mind maps, notes, quizzes, flow	Free	https://www.goconqr.com/en	Use self-created or third-party learning content, create



	charts, save, repeat and deepen your lesson content, sharing of produced content and visualisations within a group or also publicly				and share idea developments
Quizlet	Use or create countless flashcards or learning sets on different topics or vocabularies	Free	https://quizlet.com/gb		Internationally created games and activities with learning sets at different levels on countless topics
Slice Fractions	Playful learning app for mathematical content for logical thinking, mathematical understanding of fractions, comparison of forms of representation	Fees ranging from €1.57 to €4.79 per item	https://play.google.com/store/apps/details?id=air.com.ululab.SliceFractions&hl=en_US		Motivating task formats for learning selected maths content
Maths Master	Interactive app for android and ios with mathematical learning content, differentiated task formats for all levels from primary school to secondary school, organised into	Free version with advertisement – different in-App purchases ranging from 0.99€ to 2,99€	https://apps.apple.com/de/app/math-master-math-games/id1399874181		Playful learning of mathematical operations, differentiation options



		levels with a competitive character			
	Math Kids	Digital introduction to numbers, differentiated task formats with a competitive character, in English, also suitable for special Ed. schools	Free	https://apkgk.com/com.pescapps.kidsmathfree	Playful introduction to mathematics, differentiated tasks
	Biparcours	App for Android and iOS for a playful knowledge check in form of a scavenger hunt, repetition and acquisition of content	Free	https://biparcours.de/	Independent and varied learning processes at an individual learning pace
	Learning Apps	For creating apps and teaching materials online, such as memories or country maps	Free	https://learningapps.org/	Simple operation for the creation and implementation of various digital learning tasks

Collaboration

Name	Description	Costs	Link	User benefit
Etherpad	Web-based text editor, storage location for digital communication processes,	Free	https://etherpad.org/	Simple communication between several parties, transparent



	exchange with all participants in a writing process			and available at all times
Dyknow	Can be used in the classroom, online exchange, teacher has access to the settings and results, can set individual restrictions, e.g. block other websites	Free	https://www.dyknow.com/	
Answergarden	Quickly collect short answers, ideas and feedback with four setting options: Brainstorming, Classroom, Moderator and Locked	Limited free use – full version for a fee	https://answergarden.ch/	Simple digital brainstorming
Trello	Overview of current projects on boards, creation of curricula and learning objectives, sharing with the class, mapping of learning progress	Free version available	https://trello.com/home	Organisational framework for working in a team on projects or for structuring tasks alone, versatile and easy to use
X-Mindmap-Tool	Creation of mind maps in any size	Free version available	https://xmind.app/	Simple creation of a mind map
Padlet	Digital pinboard that is very easy to customise and can	Free	https://padlet.com/	Can be equipped with various media,



	be used in a variety of ways.			design alone or with others, public or private, independent of time and place
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Provision of data

Name	Description	Costs	Link	User benefit
YouTube	Many well-founded and semi-scientific information videos with good learning content, e.g. as an introduction to a new topic	Free	https://www.youtube.com/	Countless number of videos with different learning content can be accessed or uploaded and made available free of charge
Dropbox	Share files in different formats	Free up to a storage capacity of 2 GB	https://www.dropbox.com/	

