

Science Smart Phone Apps

To support and complement the learning of the most vulnerable children at home, we have put together a comprehensive list of apps available on android or ios to enable children to stay engaged with learning if they cant fully access all of the resources schools have set.

General science

Title	Description (short description or use the app description)	Suitable for		
Science Journal by Google	Keep your notes, photos, and observations all in one convenient place. Use the sensors in your iPhone or iPad to measure and graph phenomena such as light, sound, and motion.	KS2	Download	
Kidzsearch	Safe search app (also on D&T list)	KS1 - KS2	Download	Download
ChatterPix	Share ideas through making anything talk! Just take a picture, draw a line to make a mouth and then record your own voice (also on D&T list)	KS1 - KS2	Download	Download
iMovie	Make movies, presentations or trailers. Add photos, videos, titles, voiceovers, music and effects. (also on D&T list)	KS2 - KS4		Download
Adobe Spark Video	Combine icons, pictures, text, and—most importantly—your voice to create compelling videos. (also on D&T list)	KS2 - KS4		Download
Shadow Puppet Edu	Create slideshows adding your own narration and text. (also on D&T list)	KS2 - KS4		Download
Pic Collage EDU	Take/import photos to create photo collages (also on D&T list)	KS1 - KS4		Download
Skitch	Annotate photographs to explain observations	KS1 - KS4		Download
Puppet Pals HD	Simple app to create animations to tell a story or describe a concept.	KS1 - KS2		Download
iMotion HD	Time Lapse and stop-motion app that could be used to make and animation of make observations over time.	KS2 - KS4		Download

Biology

Title	Description (short description or use the app description)	Suitable for		
iExplain GCSE Biology	Makes learning fun and easy and will dramatically improve your understanding and exam results. It also gives you some great careers ideas and informs and tests you on the skills you will need to acquire for the world of work.	KS2-KS5		Download
The Human Body	Free for one week only Learn anatomy and biology in an interactive model of the human body – the heart beats, guts gurgle, lungs breathe, the skin feels, and eyes see.	KS2-KS4	Download	
GCSE Science Biology	One of the most comprehensive self assessment revision apps for GCSE Biology.	KS4		Download
A level biology	The A-level Biology app from LearnersBox contains over 90 pages of material compatible with all exam boards.	KS5	Download	
Insects Life Cycle	Understanding the concept of life cycles can be difficult for some children, so the best way to teach it is to use it within a context young children will understand and recognize.	KS1-KS2	Download	Download
Zoo for preschool kids	We emphasize that animal love, protecting animals and animals are part of our lives	EYFS	Download	
NHM Fossil explorer	Uncover the ancient plant and animal fossils hidden beneath your feet.	KS2-KS5	Download	Download
Leaf snap - plant identification	When you discover a beautiful wildflower or unusual looking shrub, and you struggle to discern its genus. Instead of wasting time trawling through websites or asking your gardener friends, why not simply take a snap and have an app do the work for you?	KS2-KS5	Download	Download
Seek	Use the power of image recognition technology to identify the plants and animals all around you. Earn badges for seeing different types of plants, birds, fungi and more.	KS1-KS3	Download	Download

Chemistry

Title	Description (short description or use the app description)	Suitable for		
Periodic Table (Royal Society of Chemistry)	An interactive periodic table including real life applications of the elements and the discovery of the elements	KS3 - KS5	Download	Download
Mechanisms:organic chemistry	This allows you to see what is happening with electrons in organic reactions and how intermediates are formed.	KS5	Download	Download
R2R:advanced chemistry	An A level revision app with revise and quiz sections, tailored to each exam board	KS5		Download
Chemistry World (Royal Society of Chemistry)	An electronic version of the print magazine with articles about what is currently happening in Chemistry and background to how Chemical understanding is used in real life.	KS5	Download	Download
ixplain GCSE Chemistry	A GCSE revision and quiz app that also looks at careers and employability.	KS4	Download	Download
Chemical formulas quiz	Helps you learn the names of common chemicals used at GCSE by taking multichoice quizzes and keeping score.	KS4	Download	Download
Nuclear	Make atoms of different periodic table substances and learn what they are made of.	KS3 - KS4	Download	Download

Physics

Title	Description (short description or use the app description)	Suitable for		
Star Walk 2	Explore the night sky through the screen of your device. Make an effortless journey through thousands of stars, comets, constellations, and other celestial bodies. All you have to do is point your device to the sky!	KS2-KS5	Download	Download
SkyView Lite	Easy to use star gazing app for everyone. Point to the sky to identify stars, constellations, satellites and more!	KS2-KS5	Download	Download
Sky Map	Sky Map is a hand-held planetarium	KS2-KS5	Download	
ISS Spotter	ISS Spotter makes it easy for you to spot the International Space Station (ISS). You can see the forecast of visible passes and set alarms to be on time to view the ISS.	KS2-KS5		Download
ISS Live Now	See the Earth as the astronauts see it with a 24/7 video livestream from the International Space Station.	KS2-KS5	Download	Download
Unit Converter	A simple, smart and elegant tool with more than 44 categories of units that are used in daily life.	KS2-KS5	Download	
Physics Toolkit	Physics Toolkit contains many calculators, tables and a list of common formulas. Physics Toolkit is a must-have app for physics students and professionals.	KS3-KS5	Download	Download
Free Physics Basic Vocabulary	This free basic physics vocabulary list is actually a useful application to explain every general physics vocabulary word. Since physics has a substantial number of terms, this list is well suited to beginners and those wanting to brush up their knowledge	KS3-KS5		Download
Physics Master	This app aims to help undergraduate students with their university physics education. It would be ideal for those planning to do physics A level with videos and quizzes.	KS4-KS5		Download
Desmos Graphing Calculator	Explore maths with Desmos! Plot functions, create tables, add sliders, animate your graphs, and more!	KS4-KS5	Download	Download
Geogebra Graphing Calculator	Easily graph equations and functions and share and save your results.	KS4-KS5	Download	Download
Lab4Physics	The Lab4Physics app uses built-in sensors found in smartphones and tablets to transform your mobile device into a powerful science lab that can be used flexibly by teachers and students alike.	KS3-KS5	Download	Download
Speedclock	The iPhone speed radar - easy-to-use speed measurement in your pocket, anytime, anywhere.	KS3-KS5		Download

Science Journal by Google	Whether you are a science educator or a hobbyist doing science at home, you can keep your notes, photos and observations all in one convenient place. Using the sensors in your smartphone to measure and graph such phenomena such as light, sound or motion, or connect to external bluetooth sensors to conduct experiments on the world around you.	KS3-KS5	Download	Download
phyphox	Did you know that you are carrying a 3D magnetometer? That you can use your phone as a pendulum to measure the earth's local gravitational acceleration? That you can turn your phone into a sonar? These sensors offer a wealth of experiments that you can plot and use.	KS3-KS5	Download	Download
Dark Master	A game for cosmologists where you can master gravity by controlling clusters of dark matter and hydrogen. Try to let them grow in the cosmic soup, whilst avoiding other nasty particles.	KS4-KS5	Download	Download
Quantum 3	Quantum 3 is an educational match-3 game for all ages where fun meets Quantum Physics! Build subatomic particles, learn about the mysteries of fundamental physics and deploy antimatter to clear the way. You'll match and swap quarks to make (and learn about) the baryons you need for each objective.	KS2-KS5	Download	Download
Isotopolis	Accelerate, steer, and collide particles to make new and rare isotopes. Players will guide particles through the process of creating new isotopes as they learn about the fragmentation process and the table of nuclides.	KS4-KS5	Download	Download
GCSE Science: Physics	One of the most comprehensive self assessment revision apps for GCSE Physics.	KS4	Download	Download
Physics Studio	Physics Studio is a virtual lab to LEARN school physics. No more boring videos and book which TEACH!	KS3-KS4	Download	Download
Physics Concepts - Kinematics	An app designed to help students understand the concepts of physics (scalar, vector, distance, displacement, speed, velocity, acceleration) through discovery.	KS3-KS5		Download
Frequency sound Generator	Produces sounds at different frequencies	KS3-KS5	Download	Download