





## 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		
<b>Science Journal by Google</b>	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	<a href="#">Download</a>	
<b>Kidzsearch</b>	Safe search app (also on D&T list)	KS1 - KS2	<a href="#">Download</a>	<a href="#">Download</a>
<b>ChatterPix</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>iMovie</b>	Make movies, presentations or trailers. Add photos, videos, titles, voiceovers, music and effects. (also on D&T list)	KS2 - KS4		<a href="#">Download</a>
<b>Adobe Spark Video</b>	Combine icons, pictures, text, and—most importantly—your voice to create compelling videos. (also on D&T list)	KS2 - KS4		<a href="#">Download</a>
<b>Shadow Puppet Edu</b>	Create slideshows adding your own narration and text. (also on D&T list)	KS2 - KS4		<a href="#">Download</a>
<b>Pic Collage EDU</b>	Take/import photos to create photo collages (also on D&T list)	KS1 - KS4		<a href="#">Download</a>
<b>Skitch</b>	Annotate photographs to explain observations	KS1 - KS4		<a href="#">Download</a>
<b>Puppet Pals HD</b>	Simple app to create animations to tell a story or describe a concept.	KS1 - KS2		<a href="#">Download</a>
<b>iMotion HD</b>	Time Lapse and stop-motion app that could be used to make and animation of make observations over time.	KS2 - KS4		<a href="#">Download</a>



## Biology

Title	Description (short description or use the app description)	Suitable for		
<b>iExplain GCSE Biology</b>	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		<a href="#">Download</a>
<b>The Human Body</b>	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	<a href="#">Download</a>	
<b>GCSE Science Biology</b>	One of the most comprehensive self assessment revision apps for GCSE Biology.	KS4		<a href="#">Download</a>
<b>A level biology</b>	The A-level Biology app from LearnersBox contains over 90 pages of material compatible with all exam boards.	KS5	<a href="#">Download</a>	
<b>Insects Life Cycle</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>Zoo for preschool kids</b>	We emphasize that animal love, protecting animals and animals are part of our lives	EYFS	<a href="#">Download</a>	
<b>NHM Fossil explorer</b>	Uncover the ancient plant and animal fossils hidden beneath your feet.	KS2-KS5	<a href="#">Download</a>	<a href="#">Download</a>
<b>Leaf snap - plant identification</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>Seek</b>	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	<a href="#">Download</a>	<a href="#">Download</a>

## Chemistry

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

## Physics

Title	Description (short description or use the app description)	Suitable for		
<b>Star Walk 2</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>SkyView Lite</b>	Easy to use star gazing app for everyone. Point to the sky to identify stars, constellations, satellites and more!	KS2-KS5	<a href="#">Download</a>	<a href="#">Download</a>
<b>Sky Map</b>	Sky Map is a hand-held planetarium	KS2-KS5	<a href="#">Download</a>	
<b>ISS Spotter</b>	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		<a href="#">Download</a>
<b>ISS Live Now</b>	See the Earth as the astronauts see it with a 24/7 video livestream from the International Space Station.	KS2-KS5	<a href="#">Download</a>	<a href="#">Download</a>
<b>Unit Converter</b>	A simple, smart and elegant tool with more than 44 categories of units that are used in daily life.	KS2-KS5	<a href="#">Download</a>	
<b>Physics Toolkit</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>Free Physics Basic Vocabulary</b>	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		<a href="#">Download</a>
<b>Physics Master</b>	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		<a href="#">Download</a>
<b>Desmos Graphing Calculator</b>	Explore maths with Desmos! Plot functions, create tables, add sliders, animate your graphs, and more!	KS4-KS5	<a href="#">Download</a>	<a href="#">Download</a>
<b>Geogebra Graphing Calculator</b>	Easily graph equations and functions and share and save your results.	KS4-KS5	<a href="#">Download</a>	<a href="#">Download</a>
<b>Lab4Physics</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>Speedclock</b>	The iPhone speed radar - easy-to-use speed measurement in your pocket, anytime, anywhere.	KS3-KS5		<a href="#">Download</a>

<b>Science Journal by Google</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>phyphox</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>Dark Master</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>Quantum 3</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>Isotopolis</b>	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	<a href="#">Download</a>	<a href="#">Download</a>
<b>GCSE Science: Physics</b>	One of the most comprehensive self assessment revision apps for GCSE Physics.	KS4	<a href="#">Download</a>	<a href="#">Download</a>
<b>Physics Studio</b>	Physics Studio is a virtual lab to LEARN school physics. No more boring videos and book which TEACH!	KS3-KS4	<a href="#">Download</a>	<a href="#">Download</a>
<b>Physics Concepts - Kinematics</b>	An app designed to help students understand the concepts of physics (scalar, vector, distance, displacement, speed, velocity, acceleration) through discovery.	KS3-KS5		<a href="#">Download</a>
<b>Frequency sound Generator</b>	Produces sounds at different frequencies	KS3-KS5	<a href="#">Download</a>	<a href="#">Download</a>