

General Resources

This is a general collection of resources recommended by HE folks on CHEF, Education Otherwise and MUI, mainly. Its main home is on Pinterest, where it gets updated, which this one probably won't. You can find it here.

<https://www.pinterest.co.uk/lucyfyfehe/>

<u>Subject</u>	<u>Link</u>	<u>Recommendation</u>
Animation	<u>DIY animation</u>	Kids teach kids game dev, animation skills. They can earn badges, make their own tutorial videos to help other kids, and share cool stuff they have done.
Animation	<u>fluxtime</u>	This is really simple and lets beginners/littlies create their own animations and email them out to friends/whoever
Animation	<u>Clayframes</u>	We use Clayframes on android. It's free and it does sound. It's pretty basic but it works.
Animation	<u>Little director</u>	Enables kids to "direct" a video based on artwork as simple as a crayon drawing or Play Doh. Suitable from 3 up.
Animation	<u>SAM (now HUE)</u>	SAM animation kit has been brilliant in our home, can edit, add sound and draw special effects on the animated work.
Animation	<u>GMod</u>	My son uses Garry's Mod. He actually has an entire youtube channel of movies he made with it
Animation	<u>JellyCam</u>	We use Jelly Cam. Works with low spec machines and webcam
Animation	<u>Video Star</u>	My daughter is obsessed with making her own music videos on Video Star
Animation	<u>Magisto</u>	I really like the Magisto app. It depends on what kinds of videos s/he is trying to make. The Magisto app will compile videos and pictures into a style of your choice. It is free, but to make longer videos, with downloads, there is a monthly or yearly subscription fee. I'm pretty sure you can post directly to YouTube for free, though.
Animation	<u>YouTube help</u>	Help making and uploading your own YouTube videos
Animation	<u>Hitfilm</u>	Free editor & compositor for Mac & PC. Lots of effects
Animation	<u>iMotion</u>	Motion is a really cool app for the iPad. We use it for stop-motion animations.
Animation	<u>Videoshop</u>	"Videoshop, pretty useable iPad movie-making app"
Art	<u>Kids Art Week</u>	This is a Free Art Course, which my kids have enjoyed in the past, that I thought some of you might be interested in trying.

Art	<u>Artforkids</u>	Wanted to share this with you all... We are not yet home edding (starting after the summer break in Sept!) but my son (6 yrs) has been asking me to help him draw better for a while... I didn't really know where to start! I saw a post on a home ed page (can't remember which one) suggesting good links for support with drawing & gave it a go today!..
Art	<u>ArtProjectsForKids</u>	This is really helpful, it's an American site that has quick art projects with step by step instructions and lists of materials you will need for each one. Updates daily too.
Art	<u>Draw Everyday!</u>	We love Alphonso Dunn's drawing lessons on YouTube
Art	<u>Drawing bootcamp</u>	Drawing course for kids 8 and up. Learn to draw or take your talents further
Art	<u>artventure</u>	Kids Art Classes Online for primary schools, home educators & kids at home. Costs about £45 a year in AUD
Art	<u>Draw Cartoons</u>	Free and the kids love being able to produce 'proper' cartoons :)
Art	<u>Flower Crazy</u>	This is an art flower design course for £10, there are others on the same site
Art	<u>Valley View</u>	Bob Ross is very very '70s, but my son loves the way he teaches painting and has such fun with it.
ASL	<u>StartASL</u>	Start American Sign Language is free and good for some cultural information alongside basic ASL
ASL	<u>ASL dictionary</u>	ASL Dictionary HD American Sign Language is available on the app store
Blogs	<u>HE Special</u>	One month in the life of 5 HE special needs bloggers. Hosted by HE Special.
Blogs	<u>Unschooling paradise</u>	Really like this unschooling blog.
Blogs	<u>Barn School Banter</u>	
Blogs	<u>Ross Mountney</u>	Ross Mountney's Notebook The notes in it are mostly about parenting, home education, mumhood, children's learning in general, best of all family. And for light relief it's seasoned with the odd wander outdoors!
Citizenship	<u>Wateraid</u>	Water aid has some great resources
Citizenship	<u>Virtual Bank</u>	Not sure if this is helpful to anyone but my son (aged 8) really enjoyed it!
Citizenship	<u>Positive money</u>	97% of money in the modern economy is created by banks when they make loans. The government only create 3% of money.
Citizenship	<u>YMI</u>	International trade, through the medium of chocolate. Yum.
Citizenship	<u>Citizenship Foundation</u>	Loads of citizenship resources here, run by the Law Society
Citizenship	<u>Current event</u>	Free worksheets on critical reading (discerning fake facts and disinformation online, mainly). Very timely, I feel...

Citizenship	<u>Co-op</u>	Activities, lesson plans and projects around fair trade and conservation
Citizenship	<u>Oxfam World Shapers</u>	lesson plans, background reading with a social justice slant
Citizenship	<u>US mint kids</u>	US Mint kids page, learning about coins
Citizenship	<u>Bank of England</u>	She may be interested in the bank of england museum, they have a lot of interesting money stuff. The info here might be a bit advanced, but worth checking out...
Citizenship	<u>Moneyville</u>	In the Moneyville game your child can play his or her way to a better understanding of how money is earned, how to prioritize and how to save up for the things he or she truly wants.
Citizenship	<u>CFPB kids</u>	Money as you grow - money skills for tinies up to teens
Citizenship	<u>Stocks & Shares</u>	Brainpop has some great short videos on money (mortgages, interest etc). It's subscription based and not cheap, but usually has a few free movies and games. My son loved them at 6- very engaging, clear and often funny (and there's a robot in them!). Here's one on stocks that is free at the moment:
Coding	<u>alice</u>	Free 3d programming environment, helps build, code and create. Really good..
Coding	<u>code academy</u>	Learn to code free with code academy
Coding	<u>cyber discovery</u>	My oldest son used to take part in cryptography and cipher challenges during his A level years. Now, my middle son has also taken an interest in computing and coding.
Coding	<u>Code.org</u>	Maybe I'm just late to the party, but has anyone else checked out code.org? It's fantastic! My boys just did their "Hour of code" - no downloads necessary, and they had a Minecraft one! They got to do a tutorial where they learned to programme Minecraft, and at the end they got certificates which we printed off to show Dad when he gets home. They loved it! There seems to be a lot more available on the site, like links to an entire K-12 curriculum (!), but I'm only just checking it out now.
Coding	-	
Coding	<u>break into code</u>	Microsoft's Break Into Code Challenge shows students ages 9 to 18 how easy it can be to learn to code
Coding	-	
Coding	<u>Scratch</u>	Half coding, half Lego - brilliant intro to logical programming without the language learning curve. My son's really into it.
Coding	<u>Tripython</u>	You might want to check out Trypython - free 'code school' for Python

Coding	<u>Khan Academy</u>	My 9 years old is learning computer programming with Khan Academy, it's free and...
Coding	<u>GS Mechanic</u>	Gamestar Mechanic = fun, game-based quests and courses to help you learn game design
Coding	<u>DIY backend dev</u>	Kids teach kids game dev, animation skills. They can earn badges, make their own tutorial videos to help other kids, and share cool stuff they have done.
Elvish	<u>How To...</u>	We all decided to learn Elvish after going to Lord of the Rings. Good a place as any to start the adventure..
Engineering	<u>CAT wind kit</u>	Improved design of CAT's acclaimed model wind power kit. Easily adapted, with or without gearing, to generate electricity or do mechanical work in six different modes. Can test vertical axis as well as horizontal axis wind turbines. Kit contains wooden frame, LED, buzzer, pulleys, hubs, generator, dowel and Correx. Contains a detailed instructions booklet which explains windpower principles and offers suggested activities. Costs £37
Engineering	<u>Rabbit Solar Robot</u>	A truly fantastic and fun kit for children that teaches them that there are eco friendly ways to power products instead of batteries or mains power. This great educational toy allows you create 14 different types of robotic solar model toys. Comes with an 84 page user manual which gives detailed instructions and excellent diagrams to help you build each model. Each model will move through the aid of natural daylight. Age 10+, £20
Engineering	<u>Physics kit</u>	ScienceWiz Physics Experiment Kit and Book 24 Experiments, Motion, £74
Engineering	<u>Dyson Foundation</u>	I've come across STEM challenges by James Dyson. Thought some of you maybe interested. There's loads to do!
Engineering	<u>Kerbal</u>	My son is into designing, building spacecrafts. There is an interesting software Kerbal Space Program. He does awesome things on it:-)
Engineering	<u>Curiosity effect</u>	He might like the Curiosity Effect Adventures, practical engineering, physics etc. it's for 8+ and paid for

Engineering	<u>zometool</u>	Zometool is a great building 'toy'... Math meets tinkertoys. - Would it be suitable for a 16 year old? I'm adverse to do something that might infantilize him -Definitely! Go to Zometool.com and take a look. I use it to teach geometry in an unconventional way in our homeschool co-op. I have used it from K to high school. There is a book called Zome Geometry that is like a high school or college text (except hands-on). let them know you're a homeschool teacher and they'll setup a discount
Engineering	<u>the way things work</u>	practical engineering board game and book, maybe interactive game too, can't remember...
Engineering	<u>how it's made</u>	How it's made has a lot of cool machinery and might be enjoyable for him
Engineering	<u>Alec Steele</u>	Alec Steele's YouTube channel all about forging and metalwork
Engineering	<u>MAAR</u>	Man at Arms – Reforged is my son's favourite thing in the world right now. Men with enviable metalworking tools explaining weaponmaking skills as they create fantasy swords. I loved the traditional Japanese katana myself...
Engineering	<u>Toys from Trash</u>	Toys from Trash - mechanics and engineering fun of all kinds. Lots of fun crafty toymaking projects for all ages, cheap!
Engineering	<u>dyson foundation</u>	loads of classroom resources, including boxes they loan for free for home use
English	<u>K12 Reader</u>	It is American..., so I may have to 'correct' some of the spelling, but on the whole they look really quite good! Did I mention the free bit? Anyhow, I thought someone else out there might find them of use too.
English	<u>Reading w Rules</u>	This book is fantastic. It goes through the etymology of many words in a way that is easy to understand & interesting, as well as talking about the spelling rules & why it's spelt that way.
English	<u>OED</u>	Online Etymology Dictionary, that is. It's so interesting to check out the history of each word, keeps us entertained anyway :P
English	<u>Echo</u>	IGCSE English tutoring. Highly recommended by a bunch of people.
English	-	

Creative writing	<u>Friday Freewrite</u>	My daughter loves to write stories, and she is currently working on a short novel. Each Friday, Brave Writer publishes a "Friday Freewrite" picture prompt on their blog. Em loves to write stories based on their pictures and the accompanying prompt. This is helpful when she gets writer's block and can't think of anything new to write about. It might be a great way to get your reluctant writer excited, as well.
Creative writing	<u>Rhymezone</u>	Brilliant website for writing rhymes
Creative writing	<u>A way with words</u>	My son and I loved this podcast for several years. I was so surprised how much he liked it.
Creative writing	<u>On Writing</u>	One of my favorite books about writing is Stephen King's "On Writing"
Creative writing	<u>NaNoWriMo</u>	National Novel Writing Month is brilliant. My son got really excited about it.
Creative writing	<u>Scribblenauts</u>	Love this! Sandbox that makes kids desperate to read and learn new vocab so they can play... :D My son ran up to me looking desperately for a word that means 'floats, but only in water, not air'. Result! :)
Creative writing	<u>inklewriter</u>	inklewriter: Just found this which lets you write interactive stories (think "Warlock of Firetop Mountain" for those of similar age to me!). Adds an interesting twist to writing a story.
Creative writing	<u>Pixar writing</u>	Pixar storytelling is awesome because first, you watch short videos (5 minutes) and then they give you several assignments. Each assignment builds on the next one and so on. We loved it, mainly because we love and I mean LOVE anything, Disney.
Foreign languages	-	
Foreign languages	<u>Coffee break</u>	Coffee Break podcasts are available in Spanish, French, Italian, German and Mandarin. Each short podcast combines language lessons with a lot of useful information about food, culture etc.
Foreign languages	<u>LingQ</u>	The kids really liked LingQ, the free version is a bit restricted though. It's \$10 a month for the full monty. They have about 20 languages.
Foreign languages	<u>Memrise</u>	I really like it for vocabulary lists, and they have tons of languages and user generated courses, which are variable in quality, but some absolutely great stuff on there. About 20 languages.

Foreign languages	<u>HiNative</u>	HiNative is great if you want to ask a native speaker if something sounds right or not, or any language help really. Works with audio, text and camera. Free and pretty much instant! Also a brilliant place to find language buddies, most are very keen to have conversations and mutual help via WhatsApp. Horribly addictive though!
Foreign languages	<u>Forvo</u>	Forvo, the pronunciation dictionary in all languages This is what the internet should be for. You can request words in just about any language and volunteers worldwide record themselves saying them.
Foreign languages	<u>FluentU</u>	We are also loving FluentU at the moment. They have a 2 week free intro during which you can browse lots of videos with bilingual subtitles and grammar links on each word so you can pin down exactly what's happening. 10 languages, bit expensive once the trial is up!
Foreign languages	<u>Conversation Exchange</u>	Basic site, free, hooks you up with native speakers for language exchange.
Foreign languages	<u>Linguee</u>	The app is incredible. You can highlight anything on your phone (texts, webpages, emails etc) and it not only supplies a translation, but looks for other uses of the words in context, together with translation. You can use it online too, and it's free.
Foreign languages	<u>mango</u>	71 languages, offers free and paid, plus homeschool-specific courses
Foreign languages	<u>Duolingo</u>	We love Duolingo. Very similar to the outrageously expensive Rosetta Stone, and available free in 20 languages. What's not to like??
Foreign languages	<u>BBC languages</u>	40-odd languages, really good free content in the language I've checked out. Looks like it's not getting updated any more, but it still works!
Foreign languages	<u>FB HE language page</u>	Found this language home ed group on facebook, looks interesting!
Foreign languages	<u>uTalk</u>	I like it, it has just about every language imaginable and is intuitive, organised and fun. About £8 a month, the free version is ok but you can only get so far.
Gamng	<u>Roblox</u>	A bit like Minecraft but popular with older kids who want to interact with others. Generally a nice environment with the occasional outbreak of antisocial behaviour, so proceed with the usual provisos...
Gamng	<u>Steam</u>	Steam is a good, safe place to buy and download games
Gamng	<u>Minecraft</u>	I'm fairly sure it's illegal to be home ed and not obsessed with minecraft. Mine...

Gamng	<u>GamED academy</u>	Minecraft lessons and curriculum. Also see the Minecraft HE facebook page at https://www.facebook.com/groups/minecraftHE/
Gamng	<u>Fraps</u>	Fraps records the video of the game being played, with sound, AND whoever is talking or commenting!!! The only drawback, is I need to pay for the paid version, it's \$37, free version only records 30 seconds :) Yeay!!!!
Geography	<u>Story Maps</u>	I am a GIS conservation specialist and one of the focus of projects is to create great stories using maps.
Geography	<u>Atlas Obscura</u>	All 12,500 places in the Atlas, on one map.
German	<u>Germanpod101</u>	GermanPod101 from InnovativeLanguage covers any level you can think of from basic to advanced German. With enticing titles and interesting themes for each episode, you'll never get bored. The dialogues are presented by engaging presenters and they cover both cultural and grammatical aspects clearly and concisely. On the website you can sign up for the premium content to access spaced repetition flashcards, PDF lesson notes, and a community forum for a subscription fee.
German	<u>AGL</u>	This podcast comes on the back of the successful Authentic German Learning website and YouTube channel! It promises to be an exciting one, as the host, Marco Rösler, is an enthusiastic and energetic host with a zest for life. This podcast is focused on learning German through personal development and the TPRS (Teaching Proficiency through Reading and Storytelling) method. The concept invites you to read and listen to the dialogue at the same time.
German	<u>yabla</u>	Yabla is a video-based learning platform with bilingual subtitles and integrated dictionaries. The subtitles are interactive, which is a really cool concept!
German	<u>Slow German News</u>	News in Slow German is an intermediate level podcast. This podcast covers world news, grammar, and expressions and slows down all the dialogue to make it easier to process what you hear. Every episode breaks down a point on grammar and vocabulary.

German	<u>Slow German</u>	Slow German Mit Annik Rubens Annik Rubens from Munich produces German learning podcasts for two levels: For absolute beginners, there is a podcast in English which introduces basic German words. For intermediate learners, she covers interesting aspects and stories about Germans, German culture, and German places. The podcast offers a paid premium version with great extras such as slowed down lessons, PDF guides, grammar and vocabulary tutorials, fairy tales, and quizzes.
German	<u>Warum nicht?</u>	Deutsch - Warum Nicht? is a 4-part podcast series for complete beginners and early German learners. Parts 1 and 2 focus on the A1 and A2 (beginner) stages while Parts 3 and 4 focus on the B1 (intermediate) stages. It tells the story of Andreas Schäfer, a journalism student and hotel doorman.
History	<u>big history</u>	Haven't tried this yet, but it looks great, so thought I'd share. Comment if you've tried?
History	<u>Jackie French</u>	For Australian history, check out the Jackie French Fair Dinkum series of books. Her other books, The Goat Who Sailed the World, The Camel Who Crossed Australia, The Horse Who Bit a Bushranger & The Donkey Who Carried the Wounded are also fantastic books written from the perspective of the animal but tell the historical story
History	<u>The Great War</u>	Home Ed Resources You saved to History There's a YouTube Channel called, "The Great War," that my son stumbled on when he was exploring WW1 & 2
History	<u>Crash Course</u>	Crash Course History is really pretty good.
Japanese	<u>NHK</u>	Learn basic Japanese with Japanese version of the BBC. Available in 17 languages
Japanese	<u>Rocket Japanese</u>	We tried Rocket Japanese and thought it was a good conversational introduction
Japanese	<u>KidsWebJapan</u>	My girls loved Avatar the Last Airbender (not Japanese but great anime), Fruits Basket, Inuyasha... Also a website we looked into for learning about Japan
Japanese	<u>irasshai</u>	I can't recommend Irasshai enough. the videos are free, there is an accompanying workbook. but with proper note taking you could get by with just the videos and online activities you find yourself.
Korean	<u>PopPoppingKorean</u>	There's a really good app called Pop Popping Korean. It was the best for learning Hangul and some words that I found.

Nature	<u>Wildlife Society</u>	She might want to look into these online courses?
Nature	<u>small hands</u>	Science & Nature - forsmallhands.com has awesome stuff!
Nature	<u>Growing up wild</u>	Growing up wild guide is awesome for anything outdoors including bugs! Free with course minimal cost otherwise but awesome resource!
Nature	<u>John Muir Award</u>	awards can be worked towards as a family or a group, no charge
Nature	<u>Wild Challenge</u>	£3 booklet and different levels of awards to work towards, certificates gained, activities for younger children included too. Work as a family or form a group
Nature	<u>Wildlife trusts</u>	often have Saturday groups for children. FB Nature page here - https://www.facebook.com/groups/474646155946147/
Philosophy	<u>Fallible Ideas</u>	The Fallible Ideas discussion group is now replying to children's questions. They are older and can type themselves (I'm assuming) But maybe you can help your child post. I highly recommend the website.
Qualifications	<u>edX</u>	Have recently found this online page, it hosts a wide variety of courses from universities around the world, (Harvard etc) and they are free!
Qualifications	<u>Simple Guide</u>	Simple guide to GCSEs... Read this first to address panic!
Qualifications	<u>Echo</u>	ECHO Education Key Stage 3 and IGCSE Courses and tutoring, for home educators, by home educators
Qualifications	<u>IGCSE2009</u>	loads of iGCSE and GCSE past papers, books, marking schemes and specs
Qualifications	<u>Alison</u>	My son has done a few and really enjoyed them. He also does future learn
Qualifications	<u>The National Curriculum</u>	For those as wants it.
Qualifications	<u>Dreaming spires</u>	Dreaming Spires Revision Just wanted to share the last examiner's tip of the exam season - a couple of CIE 0500 mock papers that I think are the most straightforward. If you haven't practised them yet, they would make a good option for the last mocks your child takes before the exams. Very straightforward and, dare I say, easy in comparison to some of the other versions.

Qualifications	<u>HE exams QSG</u>	Don't know where to start with taking exams from home education? Start here! First of all there is a list of simple steps. We also have personal experiences of how other home educators got started. Our Jargon Buster will help with unfamiliar terms. Simple Guide to GCSEs by Sally S - a home-educating mother explains how her family did it.
Qualifications	<u>FutureLearn</u>	Future Learn has hundreds of online courses from top universities and specialist organisations.
Qualifications	<u>gojimo</u>	There's an app called gojimo that has loads of NC questions and you can use as a quiz You can even work through different exam boards for more breadth.
Qualifications	<u>English B</u>	Edexcel International GCSE English Language B Pearson qualifications
Qualifications	<u>Wolsey Hall</u>	My son has been doing igcse here and loves it They have monthly assignments but you work at your own pace and there's lots of support, face to face on Skype with teachers, etc. Would recommend.
Qualifications	<u>Animal Jobs Direct</u>	Animal care qualifications - The online courses generally also require person signing up to be 13, due to COPRA. We did courses by me signing up, then DD doing the course, with supervision for the community aspects. This does mean that she couldn't get a certificate though.
Qualifications	<u>Pearson</u>	Exam board Edexcel, BTEC, LCCI and EDI Pearson: Find past papers
Qualifications	<u>Duke of Edinburgh</u>	your local Council should be able to register your child to complete Duke of Edinburgh Awards
Qualifications	<u>CYAC</u>	distance learning Arts Adviser for Arts Awards, HE focused
Qualifications	<u>Arts Awards</u>	Arts award is a useful alternative to Art GCSE - different levels equivalent to GCSE D-G, A-C and A levels. Variety of Arts can be included - art, craft, photography, theatre, music etc. Portfolio based. FB parents page at https://www.facebook.com/groups/301118873387868/
Qualifications	<u>CAIE</u>	Cambridge exam board
Qualifications	<u>OCR</u>	Exam board Oxford and Cambridge
Qualifications	<u>AQA</u>	exam board websites :
Qualifications	<u>HE Exam Wiki</u>	Total, total Godsend when you're getting your head round exams.
Qualifications	<u>JAM</u>	They have a 2 week free intro and the content looks great, bot for older and younger kids, not sure how much it costs after that though!

Qualifications	<u>Masterclasses</u>	I thought this may interest some families. It says @Our Masterclasses are aimed at academically able students in Year 12 (or equivalent). The Masterclasses provide students with an opportunity to explore topics of interest beyond what's covered within the school curriculum and offer the chance to experience typical undergraduate teaching at Cambridge”
Religion	<u>Origins of religion</u>	Found this and it was a start to satisfy my 8 year old:
Religion	<u>Nouman Ali Khan</u>	If they want to know about Islam, they can watch Nouman Ali Khan
Religion	<u>BoS</u>	Basics of Sikhi is a YouTube channel and site with loads of information on Sikh beliefs and practice
Russian	<u>Slow Russian</u>	Weekly free Russian podcast on various subjects, spoken slowly with lots of explanation. Great for listening skills
Russian	<u>Russian World</u>	For a good start I would recommend the russian world videos. They are a bit simple but it works, It depends how much you know if you were like me and knew nothing these are great. However they require worksheets but you can manage without, they also teach you Cyrillic. However this is only to a very basic level but it sets you off.
Russian	<u>Colloquial Russian</u>	after that I started going through the Colloquial Russian book, This takes you up to GCSE and a little past, there is also a second book which gets you close to AS level.
Russian	<u>GCSE curriculum</u>	Russian curriculum for edexcel GCSE and associated resources
Russian	<u>GCSE Russian</u>	GCSE Russian – Resources for Learners of Russian
Science	<u>Cartoon Elements</u>	Proof that everything is easier to learn when presented via Pokemon-style. Artist Kacie D. lovingly anthropomorphized every single element, which deserves to be converted into a children's book.
Science	<u>Elements worksheets</u>	Free printable periodic table worksheets and charts - Free Homeschooling Worksheets
Science	<u>TedEdVids</u>	Video for every element of the periodic table. Warning-addictive!
Science	<u>wlonk</u>	This awesome periodic table tells you how to actually use all those elements
Science	<u>Periodicvideos</u>	Videos about the periodic table with a lovely mad scientist bloke, really like them!
Science	<u>The Elements</u>	The Elements by Theodore Gray. Love this app, paid for but amazing all the same.
Science	<u>Zazzle</u>	Beautiful resources with Physics formulae - loved these designs and the mug and thought the link worth passing on.

Science	<u>Science Friday</u>	Science Friday offers free STEM activities, lessons, and resources for parents and educators. We often try out one when I'm out of inspiraton on Friday, and there's some good stuff!
Science	<u>Infographics</u>	A variety of infographic posters to print out
Science	<u>NASA</u>	Loads of stuff about planets and astronomy
Science	<u>Process of Science</u>	Free modules, clearly laid out (at least the chemistry section, haven't checked the rest! :-D) Particularly brilliant is the fact they have audio versions of most articles, and you can flip to a dyslexia-friendly font. You can also flip between (admittedly awful) Spanish and English. Which is nice.
Science	<u>RSC</u>	Royal Society of Chemistry's YouTube channel. Exciting lectures and experiments
Science	<u>naked egg</u>	This Edible Science experiment is not really for consumption but it is super cool. The Naked Egg Experiment will watch how an egg absorbs water and how it
Science	<u>Physics Workshop</u>	This kit is great for science projects and experiments. Activities include building a wind powered generator, crane, pendulum clock, sail car, mars robot and pin ball game. Experiments include simple machines with gears, levers, screws, inclined planes, pulleys, wheels and axels. Each set will help teach children the fundamental laws of mechanical physics, including gravity, force, acceleration, momentum, etc. This item is best suited for ages 8 and up. Costs about £50
Science	<u>chemspider</u>	Chemspider. Just check it out.
Science	<u>infinite monkey cage</u>	My daughter loves this science themed podcast!
Science	<u>The Human Body</u>	The Human Body - My son has loved this app since he was about 3
Science	<u>Your inner fish</u>	Your Inner Fish: The Series - 5yo just stayed up way past an ideal time (because we are both exhausted) watching with me. Seeing heartbeats in various embryos was fascinating.
Science	<u>Learn.Genetics</u>	There is a build DNA game on this site that my kids always love playing. (Also tons of other cool stuff!)
Science	<u>DIY</u>	Really like DIY. Kids can upload tutorials for other kids, help each other out and go through challenges set for them. This is the link for the chemistry one.
Science	<u>NFK</u>	Neuroscience for Kids has been created for all students and teachers who would like to learn about the nervous system
Science	<u>Big Bang Fair</u>	free annual event at NEC, Birmingham, loads of 'hands-on' stuff, but need to register before event

Science	<u>Crest star awards</u>	activities and awards, we have used in groups before. Age 5-7
Science	<u>GrainChain</u>	Videos, lesson plans, activities around food and nutrition
Science	<u>FB HE science group</u>	Found a facebook HE science group too..
Science	<u>Crash Course Kids</u>	Youtube channel with science videos
Science	<u>Homeschool Science</u>	Very helpful sheets by a science teacher for parents with suggestions for ways to approach different topics
Science	<u>botany cards</u>	lovely montessori printable cards for learning parts of the plant
Science	<u>Mystery Science</u>	Mystery Science does video and activity sessions on various science topics. Free now
Science	<u>Oobleck</u>	fun experiments for little ones
Science	<u>FunFireProjects</u>	Brilliant collection of fun fire experiments for aspiring pyromaniacs.
Worksheets etc	<u>Studyladder</u>	Lots of printable worksheets, year 1-7
Worksheets etc	<u>twinkl</u>	Twinkl is very popular with HE families. Up to KS4