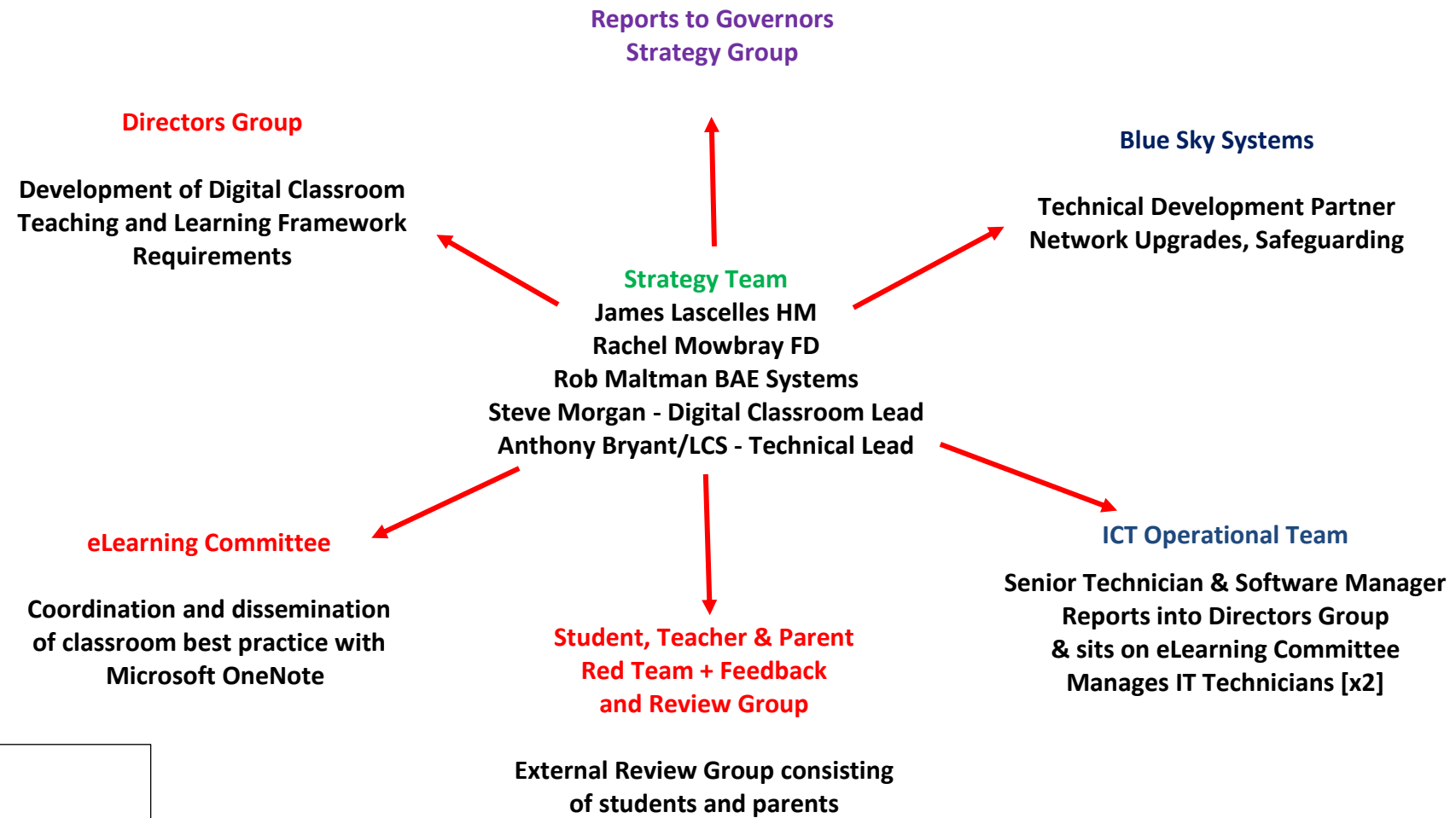




King Edward VI Grammar Digital Development Plan Graphical Summary

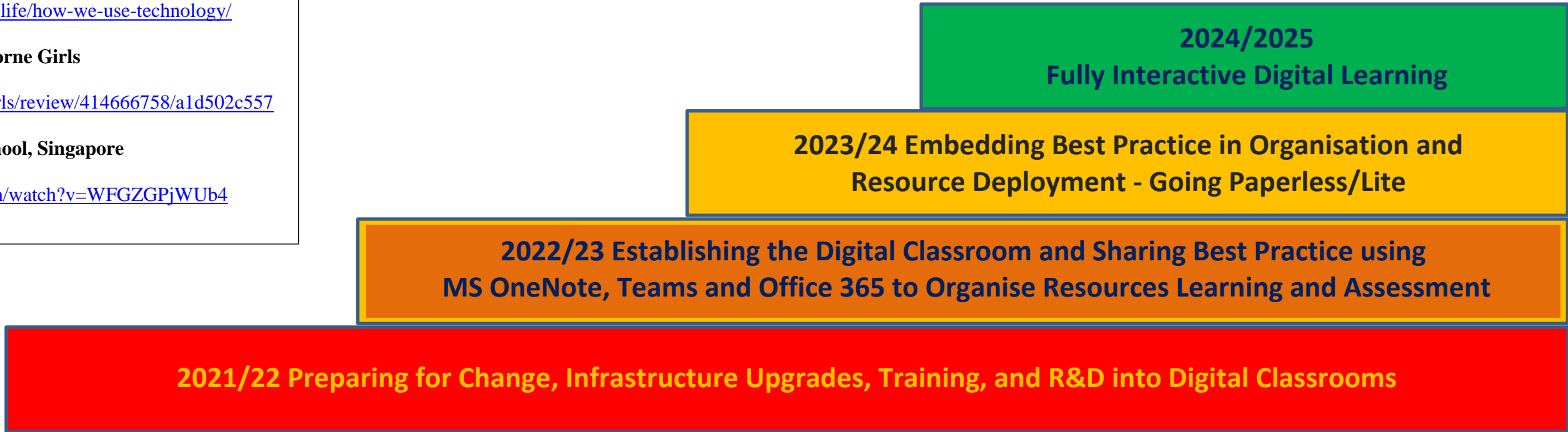


Exemplar Direction of Travel Videos

Wolverhampton Grammar
<https://wgs.org.uk/school-life/how-we-use-technology/>

Sherborne Girls
<https://vimeo.com/sherbornegirls/review/414666758/a1d502c557>

Tanglin School, Singapore
<https://www.youtube.com/watch?v=WFGZGPjWUb4>





King Edward VI Grammar
Digital School Development Plan [Overview] 2021-2023/4

	Key Strand	Key Intention	Strategic Oversight	Implementation Roles & Tasks		Support Roles & Tasks		Indicative Costs	Anticipated Impact
SAP Core Objective	Ensure that pupil progress for all groups of pupils exceeds national progress measures, and that students achieve their desired University, or preferred career pathways.	<ol style="list-style-type: none"> Provision of High Quality, Holistic, Learning Culture, Ethos and Environment. Equip students with the transferable skills to be successful in higher education and the workplace. GCSE - Progress 8 measure of 0.5 equivalent of 66% of pupils on or above targets. A2 - 66% of students meet or exceed ALIS G targets 60% of pupils to Russell Group Universities and 10% to Oxford Cambridge or Veterinary/Medical. 40% to High Quality Degree Apprenticeship or other High-Quality University Courses. 0% NEET 	Chair of Trust Strategy Group	Who	What	Who	What	[already incorporated into budget]	Improve Student Life Chances by: <ul style="list-style-type: none"> Increasing the number of Y11 pupils eligible for A Level study Increasing the percentage of A level students able to access competitive Courses/Institutions. Equip students with transferable digital skills for life, for further study and the world of work.
1	2021/2022 Preparing for Change Experiment; Review; Train; Upgrade	<p align="center">To be completed by 1st September 2022.</p> <ol style="list-style-type: none"> Phase 1 & 2 Network Upgrade - broadband upgrade to 1GB high capacity fibre cable; 10GB cabinets and upgraded fibre connections across site/buildings, plus Cabling and Wifi Access Point Upgrades. Kindle Fire 8/10s* for staff & students rolled out for eBook use and for period of open R&D Experimentation with One Note; Microsoft Teams & Office 365 Apps; eBooks and Kindles etc. <i>*Multiple USB fast charging hubs & leads in each classroom</i> Identification and establishment of eLearning Committee linked to a lead Digital Champion in each Department or Faculty whose role is to establish and determine what departmental/faculty digital best practice looks like. Digital Champions to be trained up in the use of One Note, Microsoft Teams and Office 365 Suite following the Office 365 Teacher Academy and One Note Teacher Academy Courses on Microsoft Educator Centre. Software Upgrade - phased move over to Office 365 + Teams and cloud based storage and applications. Review Exercise - wider review exercise as Triennial Consultation to identify www/ebi and improvements/updates to the Digital Development Plan. 	Headmaster, Finance Director & Directors Group	Digital Champions	Trained up to become experts in using MS Teams; eBooks; One Note; Office 365 etc. lead staff training & support in faculties xxx Works with Digital Champions to discuss and share T&L best practice with Directors Group and Staff via Academic Briefings. xxx Determines the common components specification needed for Digital Classroom xxx Identifies & implements technical changes to provide Digital Clsroom framework	Y7 & Y8 Computer Science Teachers Library Learning Mentors IT Technicians Senior IT Technician & Software Manager	Teaching Software & Kindle Core-Skills & Competencies. xxx Kindle and eBooks support, SIMS & Network password, re-sets xxx Day to Day Operation of Network and Troubleshooting of Network Problems xxxx Technical Expert in Software and its deployment into the classroom and across the network in terms of permissions, rights, overall technical setup and integration with SIMS + other software xxxxx High Level Technical Support, Network Upgrades, Monitoring and Implementation	£80K Phase 1 Network Upgrades £40K Phase 2 Cabling and Wifi Access Point Upgrades £10K Devices & Training Budget £5K Cover/Training/Consultancy	<ol style="list-style-type: none"> Network runs at high speed and high capacity to cope with Digital Classroom demand. All learners & staff equipped with a device. Digital Champions trained up in Teams, Office 365 Apps and are able to act as Faculty/Dept IT trainers and whole staff trainers. Young Learners are trained via ICT Curriculum in MS Office Suite. eBooks and Kindle use is the norm and occasionally supplemented by other materials. All staff familiarised with potential of software/IT and impact on student motivation, organisation and learning.
2	2022/23 Developing Best Practice Establishing The Digital Classroom Learning & Assessment;	<p align="center">To be completed by 1st September 2023</p> <ol style="list-style-type: none"> Kindle Fire 8/10s to be rolled out utilising eBooks; M.S. Teams and OneNote as the key tools for organising learning and assessment practices across the school and in all departments. <i>*Multiple USB fast charging hubs & leads in each classroom</i> Online Marking via One Note to be supported by use of Kindles and 6x4 Graphical Tablets for PCs/Laptops School wide training plan to be rolled out in Kindles, eBooks, Teams and OneNote using the M.S. Educator courses <ul style="list-style-type: none"> Staff Training via Inset, Twilights in Autumn Term and via Digital Champions. Y7&Y8 via Computer Science Lessons during the Autumn Term KS4/KS5 training to be integrated into lessons. Sharing Best Practice via Monday 6-week CPD 'Drop In' Term 1 led by Digital Champions to look how to use Teams and OneNote for organisation and assessment of courses; Kindles for eBooks; worksheets; classroom participation; collaboration software tools, tips&tricks. 	Headmaster Finance Director & Directors Group	Digital Champions	Supporting best practice across individual dept. & faculties + recruitment of phase 2 dept. Digital Champions. xxx eLearning Committee to lead weekly training and best practice sharing. xxx Monitoring of implementation across departments constant www/ebi review cycle. xxx www/ebi technical issues feed into IT team for resolution or celebration.	Y7 & Y8 Computer Science Teachers HODs KS4/KS5 Teachers Library Learning Mentor IT Technicians Senior IT Technician & Software Manager LCS/BlueSky	Training for Kindles/OneNote continues xxx Training of Pupils in Kindles/OneNote & Teams is embedded in depts & lessons xxx Kindle and eBooks support, SIMS & Network password, re-sets xxx Day to Day Operation of Network and Troubleshooting of Network Problems xxx Identify areas for network improvement to facilitate high capacity network and hosted software & storage solutions	£10K Kindle Subsidy £35K eBooks	<ol style="list-style-type: none"> All staff and students trained and at Least working at intermediate level. Learning Walks demonstrate effective use of technology to enhance learning and improve participation and engagement in learning. Student motivation and engagement in lessons is high and this leads to improved outcomes. Work Scrutiny shows improved student organisation and evidence of assessment and tracking that helps students learning to progress. Staff working practices and efficiency is improved, from lack of copying, printing, materials and resources are delivered direct to the student device.

3	<p>2023/24 Embedding The Digital Classroom</p> <p>Learning & Assessment</p> <p>Going Paperless</p>	<p style="text-align: center;">To be completed by 1st September 2023</p> <p>3.0 Photocopiers and printers are removed/recycled as part of the school's green commitment and reduction of its Carbon Footprint.</p> <p>3.1 Resource production, organisation and delivery is via digital methods direct to student devices via Teams.</p> <p>3.2 Assessment utilises varying online assessment methods including Exam.Net; Edmodo and other forms of online testing arrangements in preparation for changes to online external exams.</p> <p>3.3 Embedding Best Practice via Monday 6-week CPD 'Drop In' Term 1 led by eLearning Chair & Digital Champions to looks at the advanced use of Teams, OneNote for organisation and assessment of courses; Kindles for eBooks; classroom participation and collaboration software tools, tips and tricks.</p>	<p>Headmaster</p> <p>Finance Director</p> <p>&</p> <p>Directors Group</p>	<p>Digital Champions</p> <p>Chair of eLearning and/or External Consultancy</p> <p>HM & Directors Group</p> <p>Senior Technician and IT Team</p>	<p>Inset training and dept. support focused on techniques and methods for resource delivery</p> <p>xxx</p> <p>eLearning Committee to lead research, training, best practice sharing.</p> <p>xxx</p> <p>Monitoring of implementation move to paperless across departments constant www/ebi review cycle to troubleshoot issues</p> <p>xxx</p> <p>www/ebi technical issues feed into IT team for resolution or celebration.</p>	<p>Y7 & Y8 Computer Science Teachers</p> <p>HODs KS4/KS5 Teachers</p> <p>Library Learning Mentor</p> <p>IT Technicians</p> <p>Senior IT Technician & Software Manager LCS/BlueSky</p>	<p>Training for Kindles/OneNote continues</p> <p>xxx</p> <p>Training of Pupils in Kindles/OneNote & Teams is embedded in depts & lessons</p> <p>xxx</p> <p>Kindle and eBooks support, SIMS & Network password, re-sets</p> <p>xxx</p> <p>Day to Day Operation of Network and Troubleshooting of Network Problems</p> <p>xxx</p> <p>Identify areas for network improvement to facilitate high capacity network and hosted software & storage solutions</p>	<p>No additional running costs</p> <p>Reduction in photocopier and printing /printer/paper /toner /reprographics staffing</p>	<p>1. All staff and students are now working at advanced level and digitally interactive paperless/paperlite classrooms is a reality across the entire school.</p> <p>2. Learning walks show high engagement, motivation, organisation, participation in learning.</p> <p>3. Reticent learners [staff and students] are fully engaged and participate because of technology.</p> <p>4. Students are making outstanding progress in their learning, and have developed transferable key life skills for the workplace and/or higher education.</p> <p>5. The school has made significant progress towards reducing its carbon footprint and has eradicated printing; photocopying; paper; toner; printer cartridges and associated harm.</p>
	4	<p>2024 Onwards Sharing The Digital Classroom</p>	<p>4.0 Digital Champions are actively engaged in Action Research Projects during this period and share best practice and training beyond KEVIGS to other schools via BG; Lincoln and Hull University and publication via TES etc.</p> <p>4.1 School is now fully paperless/lite for all routine learning and assessment activities in lessons. Digital methods are fully embedded and the norm. New staff are inducted and trained by Dept Digital Champions via Term 1 Induction and also within departments as normal methods of working.</p>	<p>Headmaster</p> <p>Chair of Trust and</p> <p>Chair of Governors</p> <p>Strategy Group</p>	<p style="text-align: center;">Ongoing Maintenance Phase</p> <p>Action Research by the eLearning Committee publishes research into Digital Classrooms to highlight school's success and spread best practice to other schools</p>			<p>No additional costs other than maintenance and replacement captured within budget.</p>	

Digital Strategy Tech Spec

Tech Area	Description	Tech Required/Options	Other Considerations
Network Requirements	<ol style="list-style-type: none"> Highest possible broadband speed for upstream and downstream to enable the interactive online digital classroom's cloud software, apps, tools, resources and eBooks. Geared for student and staff cloud storage using OneDrive and backed up by an online solution. Safe, Secure, firewall and filtering for BYOD but without compromising 1 above: <i>a pragmatic balance between security and speed.</i> Simple joining method for 'wifi' without login. Seamless network experience in any classroom. 	<p>LCS/Blue Sky to Spec</p>	<ol style="list-style-type: none"> Direction of travel to move to seamless superfast broadband and wifi experience in the classroom to support digital interactivity.
Hardware Requirements	<ol style="list-style-type: none"> Pen Enabled, accessible budget tablet to facilitate interactive learning via multi-media devices. Device to be able to record video, photograph, join Teams for video conferencing. Device to run various apps for eBooks and cloud-based software/programmes. Dedicated case and keyboard and/or universal keyboard with track pad. Capable of running Teams, OneNote, One Drive and Office 365. Additional charging units; power banks; keyboards for inevitable crises. 	<ol style="list-style-type: none"> Options to consider: <ul style="list-style-type: none"> Kindle Fire HD 8 or 10 £60-100 MS Surface Go 10 £375-400 [Inc. Keyboard] iPad 10 £325-400 Samsung Galaxy 10 £100-250 	<ol style="list-style-type: none"> Parent owned device, like mobile phone. Managed by parent not school: inc. updates, security, repairs, breakages, loss, theft etc. School to provide initial subsidy to all Y7-13 and then to provide subsidy for Y7 and students new to the school only.
Software Requirements	<ol style="list-style-type: none"> Ability to organise wide range of staff and student information and resources in one application in real time so as to maximise staff and student interaction and communication. Enables full interactivity and thus enhances participation and motivation for learning in the classroom for all students - goal is to achieve 100% participation in all lessons by all students. Multi-media engagement so that photo and video capture, gaming and interactive teacher led video enhances learning. Ability to facilitate instant assessment, quizzes and feedback to help direct learning both in the actual lesson but also to support planning for the next phase of learning. 	<ol style="list-style-type: none"> MS 365 Suite of programmes. One Drive and Share Point for staff and student storage. One Note for staff and student course resource organisation, for classroom delivery of materials, and for the organisation of assessment in and out of the classroom. 'NearPod' for interactive lesson experiences, quizzes, whiteboards, gamification, interactive video. FlipGrid for fast video assessment and concept recap feedback embedded into One Note. eBooks via Hodders Boost, Classoos, and Kerboodle. 	<ol style="list-style-type: none"> Funding directed at creation of super fast broadband and wifi system to enable staff and students to seamlessly use cloud based software and storage. Future direction is to reduce onsite costs, upgrades, server usage, maintenance and management to direct this into cloud based services and software.