

	SEDD Session Planner Overview:	Delivered by (staff name and school):	Start time:	Finish time:
SEDD 1 Friday 25 th September 2020	KS2 & KS3 <ul style="list-style-type: none"> • An introduction to teaching computer science, including educational traditions, key debates and different approaches in subject specific pedagogy • Current issues/changes in computer science and its curriculum • KS2 National Curriculum content & skills and transition to the KS3 National Curriculum • Most commonly taught KS3 topics (use to further inform SKATs) • Engaging KS3 lesson activities • Computer science behaviour management strategies/health and safety considerations • Remote/virtual and 'blended' learning: Useful websites, apps and tools. 	Mr. Christopher Maughan. Raising Achievement Leader - Business & ICT. Bedlington Academy.	9:00	15:00
SEDD 2 Wednesday 30 th September 2020	KS3 <ul style="list-style-type: none"> • How to plan lessons effectively for KS3 (writing sequences of learning) • Short, medium and long term planning in computer science • KS3 curriculum intent, implementation and impact • Consider scope, coherence, sequencing and emphasis of topics and/or skills in curriculum design. How do lessons fit into the 'bigger picture' of the curriculum intent? What are the key 'big ideas'? • Discussing and analysing the rationale for curriculum choices • Using retrieval and spaced practice to build automatic recall of key knowledge • Common KS3 misconceptions: identifying and addressing them 	Mr. Christopher Maughan. Raising Achievement Leader - Business & ICT. Bedlington Academy.	9:00	15:00
SEDD 3 Monday 12 th October 2020	KS3 Assessment <ul style="list-style-type: none"> • KS3 assessment (formative and summative) and use of WAGOLLS • Marking and feedback in computer science: model how to do this effectively • Computer science AFL strategies • Planning effective KS3 homework • Strategies, tips and guidance on how to use time effectively when planning in computer science (sharing useful resources, websites, access to professional networks, etc). 	Mr. Christopher Maughan. Raising Achievement Leader - Business & ICT. Bedlington Academy.	9:00	15:00

SEDD 4 Wednesday 21 st October 2020	KS4 <ul style="list-style-type: none"> GCSE specifications - how they differ in terms of content & assessment Consider KS4 curriculum intent, implementation and impact Transition from the KS3 to KS4 curriculum in computer science (content and skills) GCSE - commonly taught topics (use to further inform SKATs) Common KS4 misconceptions: identifying and addressing them 	Mrs. Tamara Stewart. Head of Computer Science. Shotton Hall Academy.	9:00	14:45
SEDD 5 Wednesday 4 th November 2020	KS4 Assessment <ul style="list-style-type: none"> GCSE assessment (formative and summative) & use of WAGOLLS Marking and feedback at GCSE: model how to do this effectively Teaching GCSE exam skills (how to teach each question 'type') Tips from examiners and utilising examiners' reports KS4 lesson planning (short, medium and long term) Planning effective KS4 homework 	Mrs. Tamara Stewart. Head of Computer Science. Shotton Hall Academy.	9:00	14:45
SEDD 6 Monday 9 th November 2020	Challenging topics and troubleshooting <ul style="list-style-type: none"> Most challenging topics to teach in your subject and how to approach them Reactive session- troubleshooting 	Mr. Peter Collins. Teacher of Computer Science. Shotton Hall Academy.	9:00	14:45
SEDD 7 Monday 1 st February 2021	Challenge and Support <ul style="list-style-type: none"> Challenge- teaching to the top in computer science (specific strategies/resources) Critical thinking in computer science Questioning for challenge, including key hinge concepts in computer science How to help students master difficult computer science content Differentiation, scaffolding and computer science specific SEND strategies/resources 	Mr. Michael Teasdale. Head of Computer Science. Hermitage Academy.	9:00	14:45
SEDD 8 Friday 12 th March 2021	Cross-curricular links <ul style="list-style-type: none"> SMSC and British values- incorporating and promoting these in computer science Literacy and numeracy opportunities in computer science (examples and resources) Cross-curricular links in computer science Teaching a second subject 	Mr. Neil Tiplady. Teacher of Computer Science. Shotton Hall Academy.	9:00	14:45

SEDD 9 Friday 19 th March 2021	KS5 <ul style="list-style-type: none"> • KS5 teaching in computer science and the transition from KS4 (content & skills) • AS/A level specifications: how content and assessment differ • AS/A level commonly taught topics (use to further inform SKATs) • AS/A level marking 	Mr. Michael Teasdale. Head of Computer Science. Hermitage Academy.	9:00	14:45
SEDD 10 Friday 30 th April 2021	Troubleshooting <ul style="list-style-type: none"> • Learning outside the classroom in computer science & extracurricular opportunities • The NQT year and beyond- advice for subject specific career pathways & CPD opportunities • Reactive session - troubleshooting • Interview practice/training in computer science (common tasks, questions or pitfalls) 	Mr. Neil Tiplady. Teacher of Computer Science. Shotton Hall Academy.	9:00	14:45