	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Computer Science • Problem solving • Programming • Logical thinking	on off forward backwards image clear keyboard computer screen iPad program cursor	algorithm create command organise sequence software store program	algorithm blocks command debug execute manipulate organise scripted sequence software sprite store predict program retrieve reverse engineer	algorithm block language command debug execute input output loops manipulate organise program repetition scripted sequence simulation sprite software store program physical system repetition retrieve reverse engineer	algorithm block language command collaboration debug encrypted execute HTTP input output loops manipulate organise program repetition scripted selection sequence simulation sprite software store packets of data program physical system repetition retrieve reverse engineer URL	algorithm block language command control collaboration debug decomposition encrypted execute HTTP input output loops manipulate organise program repetition scripted selection sequence simulation sprite software store packets of data program physical system repetition retrieve reverse engineer URL variables	algorithm block language command control collaboration debug decomposition encrypted execute hardware HTTP input IP address output loops manipulate organise program repetition scripted selection sequence simulation sprite software store packets of data program physical system repetition retrieve reverse engineer URL variables

Computing Vocabulary Progression

Information Technology		digital content digital devices computer network	data digital content digital devices network	data digital content digital devices network safe search mode search technologies software	cached collecting data digital content digital devices network safe search mode search technologies server software	cached collecting data digital content digital devices evaluating network safe search mode search technologies server software	cached collecting data digital content digital devices evaluating network safe search mode search technologies server software
• Creating content • Searching							
Digital Literacy		personal information world wide web	password personal information private world wide web	command evaluating digital content password personal information private world wide web	acceptable/unacceptable behaviours command evaluating digital content password personal information private world wide web	acceptable/unacceptable behaviours command encryption evaluating digital content password personal information private world wide web	acceptable/unacceptable behaviours command detect encryption evaluating digital content password personal information private responsibility world wide web
• E-Safety • Using IT beyond school							

Every individual, every achievement and every moment matters.