# DHSG Lower Years Assessment Framework
# Computer Science

**LOWER YEARS (Years 7 to 8)**

**MIDDLE YEARS (Years 9 to 11)**

| | Developing (D) | Secure (S) | Mastering (M) |
|---|---|---|---|
| **Knowledge** | Consistently and independently demonstrates precise knowledge of Computing including: Networking and the internet, memory and storage, functions of different parts of computer hardware, software and the impact of technology. | Often demonstrates accurate knowledge of several key Computing concepts including: Networking and the internet, memory and storage, functions of different parts of computer hardware, software and the impact of technology. | Consistently and independently demonstrates precise knowledge of Computing including: Networking and the internet, memory and storage, functions of different parts of computer hardware, software and the impact of technology. |
| **Understanding** | Often demonstrates accurate knowledge of several key Computing concepts including: Networking and the internet, memory and storage, functions of different parts of computer hardware, software and the impact of technology. | Often demonstrates accurate understanding of several key Computing ideas including: several key algorithms (e.g. encryption), Boolean functionality, data representation, binary and how to stay safe and up to date. | Consistently and independently demonstrates precise understanding of Computing ideas including: several key algorithms (e.g. encryption), Boolean functionality, data representation, binary and how to stay safe and up to date. |
| **Skills** | With support can demonstrate knowledge of some key Computing concepts including: Networking and the internet, memory and storage, functions of different parts of computer hardware, software and the impact of technology. | Often demonstrates and accurately executes a wide range of skills using their understanding of Computing including: ability to convert binary numbers, create programs and algorithms, analyse online information, solve circuits and use office software. | Consistently, independently and accurately executes a wide range of skills using their understanding of Computing including: ability to convert binary numbers, create programs and algorithms, analyse online information, solve circuits and use office software. |

**GCSE READY**