Computer Science Feedback Policy

The key principles of assessment and feedback at SHS

The purpose of feedback is for students to secure the best possible understanding of the knowledge and skills of each subject's curriculum. According to the Education Endowment Foundation (EEF), feedback is an area which can have very high impact with minimal cost, based on extensive research. The EEF have estimated that effective feedback will give an additional 6 months of progress for students.

Feedback is a vital part of the teaching and learning process and will happen when determined by the subject curriculum. It will be used to identify gaps or misconceptions in knowledge or skills. Feedback will be used to inform teacher planning so that an opportunity is provided for students to close the gaps in knowledge or skills.

Formative assessment

We agree with the EIF that:

"Teachers and leaders use assessment well, for example to help learners embed knowledge and use knowledge fluently or to check understanding and inform teaching. Leaders understand the limitations of assessment and do not use it in a way that creates unnecessary burdens for staff or learners."

Each year group will have 2 exams during the academic year. These will be used to provide a snapshot of student's understanding of the curriculum at that time. After these assessments students will have the opportunity to complete a Designated Improvement Task (DIT), which will show them how they could have improved their mark.

Summative assessment will take place at the end of Key Stage 4 and 5 against nationally recognised benchmarks e.g. GCSE or A-Level grades.

Reports

The school operates two reporting points after each year group exam period. One of these is a comment report.

Key responsibilities:

SLT will:

- Quality assure the year group exams and effectiveness of feedback in lessons

Heads of Department will:

- Ensure that departmental assessment and feedback maps are completed and shared with everyone in the department
- Ensure that teachers give feedback in line with the departmental feedback policy

Teachers will:

- Give feedback in line with the key principles of the SHS feedback policy

Students will:

- Be receptive and respond in a positive manner to feedback

Monitoring of the assessment cycle

Monitoring and sampling of the assessment cycle is in place to quality assure the process at all levels. Most importantly this will support a continual process of reflection and self-improvement in all colleagues professional practice. This will contribute to the evaluation of the policy at the end of the academic year.

Monitoring will take place by:

- Learning walks carried out by SLT and Heads of Department during the academic year
- Department meetings in which time will be devoted to carrying out moderation after year group exams.

Department assessment plan for 2022-2023-Computer Science

See below

Year Group	Term 1 Feedback	Term 2 Feedback	Term 3 Feedback	Term 4 Feedback	Term 5 Feedback	Term 6 Feedback
7 DL	Networking 1. Forms feedback DIT recorded	Spreadsheets Exams Week 6	Scratch coding 1. Forms feedback DIT recorded	Algorithms 1. Forms feedback DIT recorded	Binary 1. Forms feedback DIT recorded	Computer Systems Exams Week 3
8 DL	Computer Crime & Cyber Security 1. Forms feedback DIT recorded	Understanding Computers Exams Week 6	Python Programming 1. Forms feedback DIT recorded	How computers work 1. Forms feedback DIT recorded	Micro-bit Coding Exams Week 2	Spreadsheets 1. Forms feedback DIT recorded
9 CS	1. Low Stakes (Quizizz) Topic 6 – Programming 2. Group Feedback	1. Low Stakes (Quizizz) Topic 2 – Data 2. Group Feedback	Exams Week 5 Topic 6 – Programming Topic 1 – Computational Thinking Topic 2 - Data	1.Teacher Review (PPQ) Topic 4 – Networks 2.Group Feedback	Exams Week 4 Topics 1-3	1. Final Low Stakes (Quizizz) Topics 1-5 2. Group Feedback
9 CS (2-Year)	1. Low Stakes (Quizizz) Topic 6 – Programming 2. Group Feedback	1. Low Stakes (Quizizz) Topic 2 – Data 2.Group Feedback 3.Teacher Review	Exams Week 5 Topic 6 – Programming Topic 1 – Computational Thinking Topic 2 - Data	1.Teacher Review (PPQ) Topic 4 – Networks 2.Group Feedback 3.Teacher Review	Exams Week 4 Topics 1-3	1. Final Low Stakes (Quizizz) Topics 1-5 2. Group Feedback
10 CS	Exams Week 6 Topic 6 - Programming	1.Low Stakes (Quizizz) Topic 2 - Data 2. Self/Peer Review	1. Group Feedback Topic 3 - Computers 2. Teacher Review (PPQ)	Exams Week 5 Topics 1 - 3	1.Low Stakes (Quizizz) Topic 4 - Networks 2.Self/Peer Review	1. Final Low Stakes (Quizizz) 2. Group Feedback
10 CS (2-Year)	Exam Week 6 Topic 6 - Programming	Mocks Paper 2	1. Group Feedback Topic 3 - Computers 2. Teacher Review (PPQ)	Mocks Paper 1	1.Teacher Review (PPQ) Topic 4 - Networks 2.Group Feedback 3.Teacher Review	**Exams Completed**
11 CS	1. Low Stakes (Quizizz) Topic 6 - Programming 2. Self/Peer Review	Exams Weeks 3+4 Mocks Paper 2	1. Low Stakes (Quizizz) Topic 3 - Computers 2. Teacher Review (PPQ)	Exams Weeks 2+3 Mocks Paper 1	1. Low Stakes (Quizizz) Topic 4 - Networks 2. PPQs 3. Self/Peer Review	**Exams Completed**

12 CS	Exams Week 5 Testing Week Assessment Paper 1 Testing Week Asessment Paper 2	1.Topic Assessments Programming (P1) Computer Systems (P2) 2. Feedback Form 3. Self DIT (PPQ)	1. Topic Assessments Data Structures (P1) 2. Feedback Form 3. Self DIT (PPQ)	1. Topic Assessments Organisation & Architecture (P2) 2. Feedback Form 3. Self DIT (PPQ)	1. Topic Assessments Consequences of uses of Computing (P2) 2. Feedback Form 3. Self DIT (PPQ)	Exams Week 4 Paper 1 Mock Paper 2 Mock
12 IT	Exams Week 5 Unit 2 Exam Practice	1. Low Stakes (Quizizz) Unit 2 - Databases 2. Group Feedback	Actual Exam **Unit 2:** Managing Systems Using IT	Internal Assignments **Unit 3:** Social Media in Business	Internal Assignments **Unit 3:** Social Media in Business	Exams Week 4 Potential Resits (Unit 2) Unit 1 Mock (Part of)
13CS	1.Topic Assessments Data Structures (P1) Algorithms (P1) Communication & Networking (P2) 2.Feedback Form	Exams Week 3 +4 Paper 1 Mock Paper 2 Mock	1.Topic Assessments Theory of Comp (P1) Big Data (P2) 2.Feedback Form	Exams Week 2+3 Paper 1 Mock Paper 2 Mock	1.PPQ's all topics 2.Topic Assessments 3.Feedback Form	**Exams Completed**
13 IT	Topic Assessments LAA - LAF Feedback Form	Exams Week 3 +4 Internal Assignments	Actual Exam **Unit 1:** Information Systems	Internal Assignments **Unit 6:** Website Design	PPQs if Resit Self DIT (PPQ)	Potential Resits (Unit 1)

Frequency:

- Key Stage 3: at least once a term.
- Key Stage 4: twice a term but one should be peer / self-assessment or a group feedback sheet
- Key Stage 5: ongoing regular in class assessments throughout the year (at least once a term)

2.How is formative assessment carried out in lessons to monitor student understanding of the curriculum and check for misconceptions? E.G. low stakes tests / exit tickets

- **Low stakes quiz on Quizizz** – These allow students to track their progress, teachers can also see progress for each student and identify gaps.
- **Group feedback** – based on the results of the low stakes Quizizz a group feedback form will be used to identify good areas, areas to work on and general improvement DIT questions

- **Office Forms Quiz & Feedback (KS3)** - Low stakes quiz on topic, areas covered, key terminology etc. Provides instant feedback and specific tailored feedback questions and DIT can be recorded in Feedback sheet on OneNote.
- **Self/Peer Review** – this will be on past paper questions; students will attempt small 2–4-marks questions and self/peer mark whilst looking at the mark schemes
- **Topic Assessments –** KS5 will continue with topic assessments, all of which are from past papers
- **Feedback Form (KS5) -** KS5 students will have a feedback form after each assessment which RAG each part of the assessment, it also provides a place for them to attempt DIT. This could also take the form of a group feedback form.
- **PPQ DIT (KS3)** – Past Paper Questions recorded on OneNote and DIT recorded in green pen.
- **Exit ticket** - Socrative application for plenary (ask short answer questions, responses are saved and reviewed if there are any misconceptions)
- **Explain to a peer** – students explaining a topic to a peer.