

## Standards and Quality Report 2016

Dept Name: Computing

Date: Sep 2016

### Improvement Planning

#### Review

Review and amend BGE and Senior phase courses. A more computer science based approach better prepares pupils for national level courses.

Explored Cyber security course which may be introduced in the future.

#### Next Year

As progression frameworks and benchmarking tools become available use these to reference skills in pupil profile.

To use monitoring and tracking with S1-3. This will provide clear feedback to the pupils and parents on how they are progressing.

Review and develop S1-3 courses taking in to account pupil feedback to increase interest and motivation.

Explore strategies for closing the gap leading to a greater balance of attainment.

Focus on feedback in learning and teaching to aid pupils in seeing where they can progress.

### BGE

The course aims to give every pupil the computing skills necessary to enable them to use the school network and a variety of software.

Most of the topics covered are practical courses that include, computer systems, Internet safety, graphics and software development

In addition to the core Digital Literacy in S1-3 there is the Option Computing Science in S3 which 20% of the year group have chosen.

#### **3.2 Raising Attainment and Achievement (From How Good is Our School 4)**

“Almost all pupils are attaining appropriate levels and a few have exceeded these”

The units covered in S1-3 provide the opportunity for pupils to progress through third and fourth level curriculum for excellence experiences and outcomes. During this year we will be focusing on using the progression framework and benchmarking tool when it comes available to make the level pupils are working at explicate to pupils and parents. Formative assessment will be used to help map pupil progress.

“Confident teacher judgements together with benchmarking and an appropriate range of assessments are leading to improvements in attainment”

Through a combination of formative and summative assessment pupils are aware of their progress, as mentioned above this is an area we will be developing further this year.

## Senior Phase

### Nat 4

Computing Science 6 passed at this level. 1 student completed units but not the full course. With an uptake of 16%.

### Nat 5

Computing Science 29% awarded grade A, 57% awarded grade B and 14% awarded grade C. The good quality of coursework produced by the pupils aided in their attainment. With an uptake of 9% for S4s, 3% for S5s and 6% for S6.

Games Development 88% passed at this level.

### Higher

Computing Science 50% awarded grade B and 50% awarded grade C. With an uptake of 3% for both S5s and S6.

### **3.2 Raising Attainment and Achievement (From How Good is Our School 4)**

“Almost all pupils are attaining appropriate levels and a few have exceeded these”

Using predicted grades based on SOSCA for S4: 56% exceeded their prediction, 11% where on prediction and 33% where below prediction in computing science.

No predictors are available for Games Development but pupils performed as expected.

## Developing Young Workforce

A group of pupils attended the Skills Development Scotland Discovering Digital World Day.

## Closing the Gap

Incorporating group work within the Board General Education which the success of is dependent on the cooperation of all pupils.

In the senior phase google drive is used so that pupils can access classwork at a time and place convenient for them, including supported study time at school.