**CS4HS 2014**

***Wednesday 3 December***

***Session: 11.15am***

**Computer Science level 1 Analysis**

**11.15am - 11.30am**

**Summary of assessment**

**11.30am - 12.00noon**

***Concept of an algorithm, informal instructions and computer program***

Informal instructiohns - need human perception and assumptions

Algorithms - language agnostic - “computational”

Computer program - code of algorithm into program language to execute and test solution to a problem

AlgorithmTasks

AlgorithmExample

**12.00 - 12.30pm**

***Concept of programming languages***

Characteristics and features - Alan Gauld website

<http://www.alan-g.me.uk/tutor/tutwhat.htm>

Two levels - high and low

Student voice - Steve’s example

**12.30pm - 1.00pm**

***Concept of HCI***

What is interface?

What are factors of usability/user friendliness

“… part of a computer or electronic system..”