**PASS Session Plan**

**PASS Leader name: \_\_Zak Barker\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_31/07/19\_\_\_\_**

**Course: \_\_1701ICT – Creative Coding\_\_\_\_\_\_\_**

Session Objectives: What does this study group most need to accomplish in this session?

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| Consolidate use of previous weeks work on Conditionals  Introduce students to functions in their most basic form  Get students thinking about their upcoming assignments |

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| SESSION STRUCTURE | **Equipment/ material required** |
| **Opening and Agenda:**  Ask students if there is anything in specific at this stage they would like some help with.  Touch on datatypes as next week a new type will be introduced (arrays) | N/A |
| **Activity 1:**  Running the students through an exercise on if statements, this activity was supposed to be for last week but we spent a little bit more time on simpler activities. Students should be able to breeze through it if they work together. I will take aside a group of quieter students to work out what their levels away from the others who have shown me their competence and can work independently. This will hopefully give me an opportunity to see if the quieter students are quiet because they are shy or because they are behind. | Projector |
| **Activity 2:**  I’d like to give the students a moment to complete the worksheet drawn up by Ryan at Nathan Campus, it is an excellent idea and I asked his permission to use his worksheet. Afterwards I’ll spend some time running through their answers.  Afterward I would like to give the students a breakdown on Functions. By guiding them through creation of a basic function and asking them to tell me how to write this new function piece by piece. | Projector  W/board |
| **Study skill tip (integrated into activities):**  Functions can be very difficult to get one’s head around when there are so many new concepts being integrated quickly into the courses. I feel this is a very important aspect of programming to have students focus on mastering and I would like to express that to the students before they progress. | Projector |
| **Session closure and ‘hook’ for next session:**  Next week we will do more work on functions but they will need to mentally prepare themselves for more difficult concepts as the following weeks will introduce loops and arrays. |  |

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| **Evaluation of Activities:** |
| What worked well  Session actually went quite well, quiz opened up for some interesting discussion and the introduction to functions was effective, it was nice to see the penny drop with students toward the end of the session. |
| Improvements  A student came in looking for direct attention whilst I was in the middle of something with the other students, I didn’t handle it overly well.  Need to finish the sessions 10 minutes before the hour. |

Once completed please upload with your **full activities** to your folder on Google Drive by Monday 9:00 am