PASS Session Plan

**PASS Leader name: \_\_Zak Barker\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_07/08/19\_\_\_\_**

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

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

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| Group will have next week off, this session will cement all of the knowledge from weeks 1 – 5 so that students have a base to work on their assignments during the semester break.  Students need to get their heads around loops and arrays |

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| SESSION STRUCTURE | **Equipment/ material required** |
| **Opening and Agenda:**  Recap Last week- have students complete activities they were not able to complete last week.  Ask students if there is anything in specific at this stage they would like some help with.  Talk about assignment – talk about hungry Ralph | N/A |
| **Activity 1:**  **Arrays**  Teach examples of arrays and have students come up with their own examples of an array.  Why? Use random / use variables  Array Methods - array.length & array.push()  Relate to string.length() | Projector, W/board |
| **Activity 2:**  **Loop**  Lots of focus today on loops as they are a difficult concept. Run students through programs and ask students to tell me what code to fill in which part of the program. | Projector |
| **Study skill tip (integrated into activities):**  All of the concepts of programming are essentially a toolkit. Loops, Functions, Conditions, Variables and everything else are simply a means to solve a problem. In relation to the problems in the assignment, the students have been given the tools they need to complete it. There is never only one solution to a problem, it is your own interpretation of the problem and your own use of the tools you have. | Projector |
| **Session closure and ‘hook’ for next session:**  Holidays next week and soon we will be moving into a new data type called ‘Objects’ |  |

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| **Evaluation of Activities:** |
| What worked well  First Session didn’t go overly well and I was not exceptionally helpful due to deviating from the plan and attempting to help students with specific problems.  Second Session only had one person attend so I was able to take on more of a role as tutor and attempt to help her. In what she was struggling with. One-on-One is much more straightforward and flexible than groups. |
| Improvements  I deviated from the plan because I wanted to specifically help students wrap their heads around some of the assignment problems. I was unprepared for this and was not overly helpful. I will need to make sure to stick to the plan regardless and plan for deviations in future workshops.  I will repeat the plan that I had in store for this session after the break |

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