**PASS Session Plan 1**

**PASS Leader name: \_\_Zak Barker\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_17/07/19\_\_\_\_**

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

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

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| Get acclimated to the P.A.S.S environment (introductions, gauging proficiency of students etc)  Introduce students to content, L@G etc.  Start working in groups  Start working with Javascript & p5 |

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| SESSION STRUCTURE | **Equipment/ material required** |
| **Opening and Agenda:**  Introduction  -Potential Icebreaker- Get everyone to show something off their Insta feed and give name  Determine student’s familiarity with programming/Javascript | N/A |
| **Activity 1:**  Students will be split into groups of 4 – 5  Pre-prepped p5 drawings will be showed on the board and groups will be asked to write down the code needed to create the drawings. | Projector |
| **Activity 2:**  Groups will then be given gridded paper to make their own drawings using basic shapes supported by p5  Groups will swap paper and attempt to write the code necessary to program that drawing  -Name the data type-  Write data on the board, have each group take a turn at answering which type of data it is. | Paper, Pen, Ruler |
| **Study skill tip (integrated into activities):**  Internet resources, cheatsheets, codeacademy  Talk about Syntax  Missed topics(print, text, mouseX/Y/Pressed) | Projector |
| **Session closure and ‘hook’ for next session:**  Talk about ‘if’ statement |  |

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| **Evaluation of Activities:** |
| What worked well  Students were having some of their first exposure to programming, in the end they were moderately comfortable with utilizing their chosen IDE and all of them managed to execute one of the prepared activities. Most of the session was helping students familiarize themselves with software and file structure to support working. |
| Improvements  Students were more inexperienced than I’d anticipated. They had been to a lecture but not a workshop, the workshop would have prepped them for the exercises I organised in P.A.S.S but they were essentially coming in cold. By next week they will be able to smash out this week’s exercises which we didn’t get around to as an initial activity before moving on.  Students were sat in a group but interacting minimally, I’ll need to attempt to have them engaging more as a group to figure it out instead of all of them working around a table on their own lappy.  Most advanced student was answering all of the questions, the rest of them had no knowledge for me to ask questions on so it ended up with me in front of the class explaining concepts at times. |

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