**Name:** William Taylor  **Banner ID:** B00235610 **Organisation:** YMCA / CoderDojo

|  |  |  |  |
| --- | --- | --- | --- |
| **Dates** | **Activity** | **Skills** | **Reflection** |
| *1 Aug 16* | First Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Adaptability/Flexibility | * I successfully adapted to teach what each individual group of student’s wished to learn. (Adaptability) * Created an online repository for teaching materials which all participants could access. (Leadership) * Configured YMCA equipment to allow students to use appropriate programs for programming. (Technical Ability) |
|
| *8 Aug 16* | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Planning and Organisation  Presentation Skills | * Second week where to be better prepared I had brought pre created learning material for students to study from. (Planning & Organisation) * I took the initiative and presented the Microsoft Kinect technology to students as well as UWS created 3D games and delved deep into how programming was related. (Presentation Skills, Leadership, Technical Ability) |
| *15 Aug 16* | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Planning and Organisation  Adaptability/Flexibility  Presentation Skills | * Walked through creating a basic website with several students, teaching basic HTML + CSS. (Technical Ability, Presentation Skills) * Delivered lecture on basic internet fundamentals after which I took students websites and put them onto my own server so they could access them using web browser. (Technical Ability, Presentation Skills, Leadership) * Held a Q&A session on what students wanted to learn (Leadership, Presentation skills) |
| 1 Sep 16 | First Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Planning and Organisation | * Utilized my leadership skills to assist in the creation of a coding club in Linwood to better manage demand. * Utilized my technical ability to gain access to software on library computers that would allow students to learn. * Utilized my planning skills to schedule the additional workload into my schedule and align both teaching content for both locations in future. |
| 5 Sep 16 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Presentation Skills | * Focused on teaching basic JavaScript arithmetic so students could understand basic math concepts in programming languages. (Technical Ability, Presentation Skills, Leadership) * Taught students how to deal with external JavaScript files. (Technical Ability) |
| 8 Sep 16 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Presentation Skills | * Starting from this week the content was aligned with the Paisley Coding Dojo. So from this point onwards I will just say refer to the above as both clubs contained the same content. |
| 12 Sep 16 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Adaptability/Flexibility  Presentation Skills | * Used my presentation and technical skills to teach more html tags for writing web pages. I covered loading images, different styles of texts and video. (Technical Ability & Presentation Skills) * I also taught how browsers are different and how it works. (Adaptability/Flexibility) |
| 15 Sep 16 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Adaptability/Flexibility  Presentation Skills | * Look above for content that was covered in this session. |
| 19 Sep 16 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Adaptability/Flexibility  Presentation Skills | * The focus of this week was to teach basic CSS concepts, selectors and properties as an example. (Technical Ability & Presentation Skills) * Also taught students how to write styles in a separate file and load them using the link html element. (Adaptability/Flexibility) |
| 22 Sep 16 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Adaptability/Flexibility  Presentation Skills | * Look above for content that was covered in this session. |
| 26 Sep 16 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Planning and Organisation  Presentation Skills | * Taught basic computer fundamentals files, folders, hardware, software. (Technical Ability & Presentation Skills) * Students had report a while ago that they wanted to be able to write games so I got students to download Phaser so next week we would write basic web games that would then go online. (Planning & Organisation) |
| 29 Sep 16 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Planning and Organisation  Presentation Skills | * Look above for content that was covered in this session. |
| 3 Oct 16 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Presentation Skills  Leadership | * This week we started part 1 of what I had planned for a basic game. I had to teach what Phaser was and how to open up a canvas which would serve as the window for the basic game they would create. (Technical Ability & Presentation) * This was an excellent idea in retrospect and showed good leadership as I took my idea from concept into something workable. (Leadership) |
| 6 Oct 16 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Presentation Skills  Leadership | * Look above for content that was covered in this session. |
| 10 Oct 16 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Presentation Skills  Planning and Organisation  Leadership | * This week continued from part one by adding code that allowed the students to load assets from disk and enable physics in their game. (Presentation Skills & Planning and Organisation) * I also took spare time to take the initiative to cover user input so students could move images on screen by the end of the lesson with keyboard or mouse input. (Leadership & Technical Ability) |
| 13 Oct 16 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Presentation Skills  Planning and Organisation  Leadership | * Look above for content that was covered in this session. |
| 17 Oct 2016 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Presentation Skills  Planning and Organisation  Leadership | * Final part of the 3 week Phaser project, where we aimed to add the gameplay where people had to move the object as fast as possible. (Technical Ability, Panning & Organisation, Presentation Skills) * All games were then loaded onto my personal server so they could view it online, and idea that was thought of last minute and I decided to do myself so students were satisfied. (Adaptability, Leadership) |
| 20 Oct 2016 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Technical Ability  Presentation Skills  Planning and Organisation  Leadership | * Look above for content that was covered in this session. |
| 24 Oct 2016 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Adaptability/Flexibility  Presentation Skills | * Constructed a little JavaScript library that would allow students to create simple jump scares for Halloween. (Technical Ability) * Game several tutorials on how to use the above mentioned framework so students all had their own jump scare website. (Presentation Skills, Adaptability, Leadership) |
| 27 Oct 2016 | Weekly Linwood Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Adaptability/Flexibility  Presentation Skills | * Look above for content that was covered in this session. |
| 31 Oct 2016 | Weekly Paisley Coding Session. Taught subjects were:   * Scratch * Web Development * Technology Demo | Leadership,  Technical Ability  Presentation Skills | * Final lesson in October looked at CSS so students could style their websites. (Technical Ability) * Also installed technical software on new student’s computers so next week they could take part in the lesson. (Technical Ability, Leadership) |

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill** | **Description** | **Rate confidence 1-5 where 5 = high** | |
| **Before** | **After** |
| **Analysis/research skills** | I am able to relate and compare data from different sources, identify issues, find relevant information and identify relationships | 4 | 4 |
| **Problem solving/Decision-making skills** | I am able to make informed decisions that enable me to identify the most appropriate way to overcome a problem | 4 | 4 |
| **Planning and Organisation** | I am able to establish a course of action for myself and/or others to accomplish a specific goal. I can plan for, and allocate, resources effectively | 2 | 4 |
| **Teamwork** | I build and develop appropriate relationships with academic staff, peers, colleagues and people within an organisation | 2 | 4 |
| **Written Communication** | I am able to write well-constructed, well presented essays, reports and letters for a variety of audiences | 3 | 4 |
| **Presentation Skills** | I am able to present ideas and information clearly, concisely and appropriately to an audience using an appropriate technology | 3 | 4 |
| **Adaptability/Flexibility** | I am able to anticipate and handle change and maintain effectiveness in a changing environment | 2 | 4 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill** | **Description** | **Rate confidence 1-5 where 5 = high** | |
| **Before** | **After** |
| **Creativity/Initiative** | I can support, or start, a new project and have the ability to come up with new ideas or make changes to the standard way of doing things taking into consideration best practice | 4 | 4 |
| **Personal Development** | I maintain an up-to-date personal development plan and understand the importance of actively reviewing and maintaining this in order to set appropriate goals | 3 | 3 |
| **Commercial Awareness** | I am able to understand the economics of a business from both the organisation and the customer’s perspective. I can relate this to the wider business world | 3 | 3 |
| **Enthusiasm/Motivation** | Through my energy and consistent desire to achieve I demonstrate steady progress towards goals without requiring outside pressure. I show passion in undertaking activities and this helps to drive me forward. | 5 | 5 |
| **Technical Ability** | I maintain up to date knowledge of key trends in technology and have experience of using modern technology | 5 | 5 |
| **Leadership** | I am able to lead, motivate and manage a team or have experience of mentoring, teaching or training others. | 2 | 4 |
| **Strategy** | I am able to think strategically to meet organisational objectives. I engage with national policy making, planning and agenda setting. | 2 | 4 |