CSC3721 Course Work 1

Persona: 428 words.

Scenario: 638 words.

Requirement: 222 words.

Overall: 1288 words.

B9052919 Ryota Fuwa

**A person in a blue shirt

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**Brief Introduction**

She taught math in secondary school for more than 20 years, and she started to teach IT computing too two years ago. she is quite experienced at teaching math, and she enjoys teaching in school. However, She doesn’t have strong background and experience in IT. All she did in IT was some computing modules she took along with her math degree in her collage long time ago. She hadn’t taught computing in school untill two years ago nor has she worked as a IT engineer whatsoever. In her math classes, she uses excel for showing graphs, and sometimes even YouTube as teaching materials, so she can use computers for basic needs such as microsoft office and web browsing although she dosen’t have any coding skills and technical knowledge.

**Name: Linda Cooper**

**Age: 52**

**Gender: Female**

**Occupation: Secondary School Teacher**

**Motivation:**

* Her school decided to put a computing curriculum called PosterVote into 8th student programme this year, and she was asked to undertake the curriculum.
* She believes computing skills are important for students nowadays, so she wishes to help students understand computers and get them interested in IT.
* She thinks, especially when it comes to computing, practices and exercises help students learn better than just teaching in classrooms.

**Frastration:**

* She didn’t have anyone around her with whom she could discuss or get helps about the computing module in the last two years.
* She is worried whether she could teach modern IT skills and let students make the most of the project with her few experiences.
* She struggled to teach computing IT to different reading ages. She doesn’t have enough time and IT knowledge to organize computing curriculum from scratch to suit her own students.

**Ideal Goal:**

* She can teach the curriculum smoothly, and make it suit her students without specialized IT knowledge or skills.
* She can ask helps related to the curriculum online and discuss with other teachers who undertake the same curriculum.
* there are easy-to-use materials to refer to such as tutorial videos.

**Sum up Quote:**

I didn’t have as much trouble as I thought, since I could familiarize myself with all stuff that I’m supposed to teach each week with step-by-step video tutorials online. Also, I could just ask any questions online. I felt like by using this system we were helping each other and developing this curriculum better and better altogether. I think I ran this course very well. I could see all students engaged in the project. I hope they got more interested in computing and learned lots of skills from this curriculum!

**Scenario**:

A number of secondary schools in the uk started to undertake computing curriculum because of the huge demand of computer skills in a variety of industries. Linda’s secondary school isn’t exception for this big curriculum shift. Linda is 52 year old math teacher at SHOOL\_B, and now she teaches computing too. She taught computing in the last two years, but she already wanted to quit it. Computing is relatively a new field of study and a really dynamic field where all systems and related skills change very quickly, so she thinks teaching such a field is impossible for 52 year’s old women like her. She’s been feeling like she is also one of her students. However, her school decided to use a computing curriculum named PosterVote, and she was told there was a online platform for the curiculum that might help her, so she hopes that helps her run the computing curiculum smoothly.

One day, about a month before the computing curiculum starts, she finally sit in front of her computer, and started to work on the curiculum schedule. She expected organizing the schedule to be nightmare as every year trying to figuring out what to teach this year, what to cover in each class, and learning all tools and skills used in the curiculum for herself. But this time was different. First time she went to PosterVote platform, she found a course schedule right in front of her, so she just downloaded all she needs with a click of a button named ‘Download’. Moreover, the original course schedule was quite detailed with all activities and tasks week by week, so she didn’t have to do anything about the course schedule but only modifying some tasks to suit the level of her students.

The 2nd semester started, and the first class of the computing curiculum is tommorrow morning, but she seems quite confident unlike past years. She has a well-organized shedule for each class, and she knows that the online platform has links to 20-30 minuites long tutorials on YouTube which she can refer to just two days before each class so that she can smoothly demonstrate the use of the tools used in the course. And she reminds herself that she doesn’t have to feel afraid since she can just go to the website and ask any questions if she has troubles. Usually, she struggles to find what she wants on websites due to the information and links all over the pages, but this website didn’t upset her since she could find Tutorials with the big bold-face letter, Tutorial, and the place she can ask questions with a letter as clear as the tutorial one.

Although she couldn’t do all the classes perfectly on schedule, so she had to modify and adjust a few things every weeks, she felt as if it were not her first time. In comparison to the past two years she was really happy about how she managed the computing curriculum since she could run the whole curriculum much more smoothly she thought and most importantly, she could see most of students enjoying the computing project. Now she is already looking forward to next year. After all classes ended, she went to the web site again to put all the resources she used and arranged over the classes so that she can use them next year. Then, she realized there were a number of different versions of resources accomodating each school and classe’s needs such as one for 9 weeks schedule instead of the original one of 12 weeks. She thought it was really helpful that the web home page was not packed with all information, but if she noticed that there were other versions of it from the beginning, she could have saved more time and could have run more smoothly.

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**Requirement**

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|  | Description | Rational |
| F1 | Course schedule and all other resources for the curriculum as a zip file, and downloadable with one click | For older or non-IT specialist teachers, who are not quite comfortable with lots of information on a website, it’s much easier if all resources they need are downloaded with just one click. |
| F2 | Discussion and Q&A Forum | Having place where they always can go takes teachers’ pressures off. If they don’t know something about the curriculum, they can ask anytime they want. Also, it is an online place where teachers can discuss how the curriculum could be developed and improved in the future. |
| F3 | Links to 20-30 minutes Tutorials on YouTube | New teachers for the curriculum don’t have to study IT from scratch or read manuals for all tools and devices used in the project. Just by watching a short tutorial before each class, teachers can learn what to teach in class. |
| F4 | Able to Upload Modified Materials | The improvements and changes during the curriculum can be shared with other schools or next year if they are stored on the online platform. Users can just upload their modified resources with drag-and-drop or something as simple as that action, and those stored resources should be organized in a way that users can find their suitable version of the course resources with ease. |

Reference

* Linda Photo: <https://hooversun.com/downloads/17706/download/Carol%20McLaughlin%2012-14-17%20%284%29.jpg?cb=77dc3fa1c19892ad361f859e97ad4f93&w=640>