

LESSON STUDY

DATA COLLECTION: A FOCUS ON THREE STUDENTS

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Description of 3 students we focused on

Student 1

- She is an average student
- Prefers working on her own instead of participating with her team mates

Student 2

- Academically, he is a brilliant student since he tends to study everything by heart
- Finds it difficult to put things learnt into practice

Student 3

- Is a foreigner who last year came to Malta and is still struggling to adapt himself to the system
- He is not very ICT literate and does not know how to use the computer well

The lesson study is planned around these students in the following ways:

In the beginning, students are shown a picture of health and safety issues in ICT, where they need to evaluate it and see potential hazards in the picture. A class discussion follows where students need to brainstorm ideas and share their opinions. This activity is especially targeted to *Student 1* since she normally finds it difficult to interact with the rest of the class and share her ideas. *Student 2* will also benefit from such a task since he has to brainstorm and think about potential hazards within the picture.

Students are then shown a 2-minute YouTube video on *Health and Safety for ICT*. Students are to work in pairs according to the student seated next to them and jot down or list some points that captured their attention and interest or that need further clarification. Such a task is beneficial for both *Student 1* and *Student 2* where similar to the previous activity they will be asked to describe and analyse the video and work in pairs with their team mates. Such an activity promotes collaboration and not learning by heart – but rather by putting things into practice.

The lesson progresses with students working in pairs. Students are given online tasks through the Wand tool where they need to discuss the tasks in pairs – however contributions need to be made by each student. Each is assigned a computer in order to work out the given tasks. Students are asked to login in into the Wand tool themselves using their school username and password. Such task is beneficial to all 3 students since *Student 1* and *Student 2* will be

working with other students and putting things into practice on their own and *Student 3* will have the opportunity to familiarize himself with ICT tools such as: an Internet browser, inputting a link and logging in into the Wand tool with his particulars.

After these tasks have been completed, students are given the homework. This needs to be completed individually from the iLearn page. Such activity is beneficial to *Student 3* since he will be given the possibility to experiment on his own in using the computer.

Student Evaluation Sheet

Part 1: <i>Class Discussion</i> (Introductory image task)			
Students	Yes	No	Comments
Have ample time to evaluate the picture	✓		
Discuss in pairs	✓		
Contribute their ideas to safety hazards in the picture	✓		

Part 2+3: <i>Class discussion</i> (YouTube video)			
Students	Yes	No	Comments
Understand their assigned task	✓		
Video captured their attention	✓		
Discuss ideas with their teammate	✓		
Contribute ideas with the rest of their classmates	✓		

Part 4: <i>Pair work</i> (Wand activity tool)			
Students	Yes	No	Comments
Understand their assigned task			Student who isn't so computer compatible needed further explanation
Successful login into the Wand tool	✓		-
Complete their assigned task	✓		Nearly all students managed to complete the tasks
Collaborate in pairs	✓		

Student Evaluation Sheet

Part 1: <i>Class Discussion</i> (Introductory image task)			
Students	Yes	No	Comments
Have ample time to evaluate the picture	✓		
Discuss in pairs	✓		
Contribute their ideas to safety hazards in the picture	✓		

Part 2+3: <i>Class discussion</i> (YouTube video)			
Students	Yes	No	Comments
Understand their assigned task	✓		
Video captured their attention	✓		
Discuss ideas with their teammate	✓		
Contribute ideas with the rest of their classmates	✓		

Part 4: <i>Pair work</i> (Wand activity tool)			
Students	Yes	No	Comments
Understand their assigned task	✓		
Successful login into the Wand tool	✓		<i>Students who forgot their login details had to login with dummy accounts.</i>
Complete their assigned task	✓		<i>One student needed further help in completing the tasks.</i>
Collaborate in pairs	✓		