Details for Module 2: ICT & Classroom Organization – ICT in the classroom and the computer lab
Unit 2: 20 June – 7 July, 2017

Dear ADSI Teachers,

This brief provides you with all the information on module 2, unit 2: calendar, activities and portfolio tasks; login information etc. You can save a copy on your laptop or print a copy for the teachers in your school.

Schedule of Activities:

The Module is structured into two units and four topics and is implemented over 6 weeks.

<table>
<thead>
<tr>
<th>Date</th>
<th>Unit descriptions</th>
<th>Activities</th>
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| June 20 –  July 7, 2017 | Unit 2 – Topic 1: Computer Practical – Experiencing, developing and integrating simulations in presentation & creating student worksheets (Technology Knowledge - TK) | • Practice selecting, using or developing simulations and developing a student worksheets to use in your STEM lessons  
• Submit simulation selection to your teacher portfolio  
• Submit student worksheet to your teacher portfolio |

Unit IV: Design, a lesson plan activity to try out 'simulation', 'classroom management' and 'collaboration' techniques appropriate for the different learning styles of your students (TPACK)  

| Teach, reflect, observe and re-design lessons using presentation | Design lesson plans with ‘simulation’ based on topics you are teaching  
• Submit lesson plan, presentation/simulation and worksheet to your teacher portfolio |

Chat and discussion forum: In order to approve the module for certification and accreditation you have to participate in at least one chat and one forum discussion, as well as submit your tasks to the portfolio (lesson plans, presentation/simulation, student worksheet)

Part 1 – Logging in

1) Logging in to Module 2

1) When you login to Moodle you will be brought to the ADSI Module 2 at:  
   http://adsiteachers.gesci.org/course/view.php?id=22

2) Here you will see an overview: Units 1 and 2 (Topics 1,2,3 and 4) and the Module Summary
Part 2 – Working through the module

3) Once you have finished with unit 1 topics 1&2 you will move on to **Unit 2**

**Unit 2 topic 1** is about ‘Computer Practice – Simulation and Student Worksheets’ (TK) and **topic 2** is about ‘Applying ICT and Pedagogical strategies in STEM classroom practice’ (TPACK)

**Unit 2 topics 1&2 will be covered from June 20 – July 7, 2017**

During this time you should:
- Read through the unit and the resources
- Participate in the chat and discussion forum

  - The discussion topics 1&2 are: *Experiencing simulations and lesson design, observation and re-design*
  - There are 10 discussion forums as follows: groups 1-4, 5-8, 9-12, 13-14, 15-16, 17-20, 21-24, 25-28, 29-30, 31-32. Check your discussion forum group with your School based coordinator. You will find discussion forum group on the Moodle automatically after you log in.

  - The chat topics i&2 are: *‘using and developing simulations’ and ‘TPACK lesson design’*

    There are 10 chats groups. Check your chat group with your School based coordinator.

    You will find your chat room on the Moodle automatically after you log in.

  - Chats will be organized on Mondays, Wednesdays and Thursdays as follows:

    | Thursday Chats | Times          | Wednesday Chats | Times          |
    |----------------|----------------|-----------------|----------------|
    | Groups 1-4     | 1pm, 4pm and 5pm | Groups 5-8     | 1pm, 4pm and 5pm |
    | 17-20          |                | 21-24           |                |

    | Thursday Chats | Times          | Monday Chats    | Times          |
    |----------------|----------------|-----------------|----------------|
    | Groups 9-12    | 1pm, 4pm and 5pm | Groups 13-14; 15-16; 29-30; 31-32 | 1pm and 4pm |
    | 25-28          |                |                 |                |

  - You can the chat at the most suitable time for you. You will receive notice of chat day changes from your tutor in the event of public holidays etc.

- The due date for submitting all tasks to your portfolio (Presentation/ Simulation, Lesson, Student Worksheet) is **Monday 10 July, 2017**.
- **Present your lesson set to your SBC for upload onto the school portfolio on the Moodle platform**

What we also ask you to do throughout the module is to communicate with us and your fellow teacher participants. Post your comments, questions and reflections to the **discussion forum**. Join in the **chats**. If you have any questions, you can always send them to the ADSI help desk at: **adsi@gesci.org**