WEEKLY LESSON PLAN – B7

WEEK 5

Strand : Introduction to computing	Class : B7
Sub Strand: Technology in the community	Duration :
Content Standard: B7.1.2.1. Demonstrate the use of Technology in the community	Date : 18th FEB, 2022
Indicators: B7.1.2.1.3. Discuss the benefits of using technology tools in learning	Day :
Key words:	

Activities For Learning & Assessment	Equipment/Resources	Learners Resource Page Ref.	Progression
Starter (5 mins) Using questions and answers, review learners understanding in the previous lesson. Share performance indicators and introduce the lesson. **Main (35 mins)** Revise with learners on what technology tools are. Guide learners to discuss in pairs the benefits of using technology tools in learning (e.g. using spreadsheet to draw graphs) Example: 1. It makes teaching easy and interesting. 2.I CT facilitates sharing of resources, expertise and advice. 3.There is greater flexibility in carrying out their work as teachers. 4.They gain ICT literacy skills, confidence and are enthusiastic about their work. 5.Easier planning and preparation of lessons and designing materials 6.Students easily learn at their own pace.	Manila card, flipchart, surfing the internet for solutions		Identifying any three (3) benefits of technology tools that aid learning. Describing the benefits of technology tools that aid learning

7.Students who use ICT in school are more motivated to learn. *8.It encourages the student to be independent and active in his/her learning and be self-responsible.* *9.Teaching is more focused and tailored to students' strengths and weaknesses..* *10.Gains in understanding and analytical skills, including improvements in reading comprehension.* Let learners discuss the negative effects, if any of technology tools in learning. Guide learners to identify the limitations of technology tools in teaching and learning. ***Reflection (10 mins)*** Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. Take feedback from learners and summarize the lesson. Ask learners how the lesson will benefit them in their daily lives.			

Homework/Project Work/Community Engagement Suggestions

What are technology tools

State three benefits of technology tools in learning

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Student Learning Difficulties

- Learners may have a problem browsing the internet in areas with weak network reception.
- Learners experiencing challenges with various websites may need assistance when browsing the internet and using the technology tools.
- Learners may not appreciate that the internet is also a technology tool.

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Sub Strand: Technology in the community	Duration :
Content Standard: B7.1.2.1. Demonstrate the use of Technology in the community	Date : 18th FEB, 2022
Indicators: B7.1.2.1.4. Examine the negative impact of computers and computer use on the environment	Day :
Key words:	

Activities For Learning & Assessment	Equipment/Resources	Learners Resource Page Ref.	Progression
Starter (5 mins) Recap with learners to find out what they already know about green computing. Share performance indicators and introduce the lesson. **Main (35 mins)** Brainstorm learners to explain what green computing is. *Green computing is the sustainable approach in the design, manufacture, use, and disposal of IT resources.* Let learners observe people who use and work with computers in the community. Learners to visit websites or watch videos/pictures of how computers, including other electronic components, are disposed of. Let learners discuss the impact of computers and computer use on the environment.	Manila card, flipchart, surfing the internet for solutions		Identifying any three (3) benefits of technology tools that aid learning. Describing the benefits of technology tools that aid learning

Example: *computers heavy metals, such as lead and toxic chemicals that pollute the soil and contaminate groundwater.* Engage learners to discuss the benefits of practicing green computing. Example: *it reduces the energy consumption which results into low carbon dioxide emission.* *It saves that will be spent in extra usage of energy and resources.* *Reflection (10 mins)* Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. Take feedback from learners and summarize the lesson. Ask learners how the lesson will benefit them in their daily lives.			

Homework/Project Work/Community Engagement Suggestions

- What is green computing?
- Identify three effects of computer usage on the environment
- Write three benefits of green computing.

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Student Learning Difficulties

- Learners may have a problem browsing the internet in areas with weak network reception.
- Learners experiencing challenges with various websites may need assistance when browsing the internet and using the technology tools.
- Learners may not appreciate that the internet is also a technology tool.