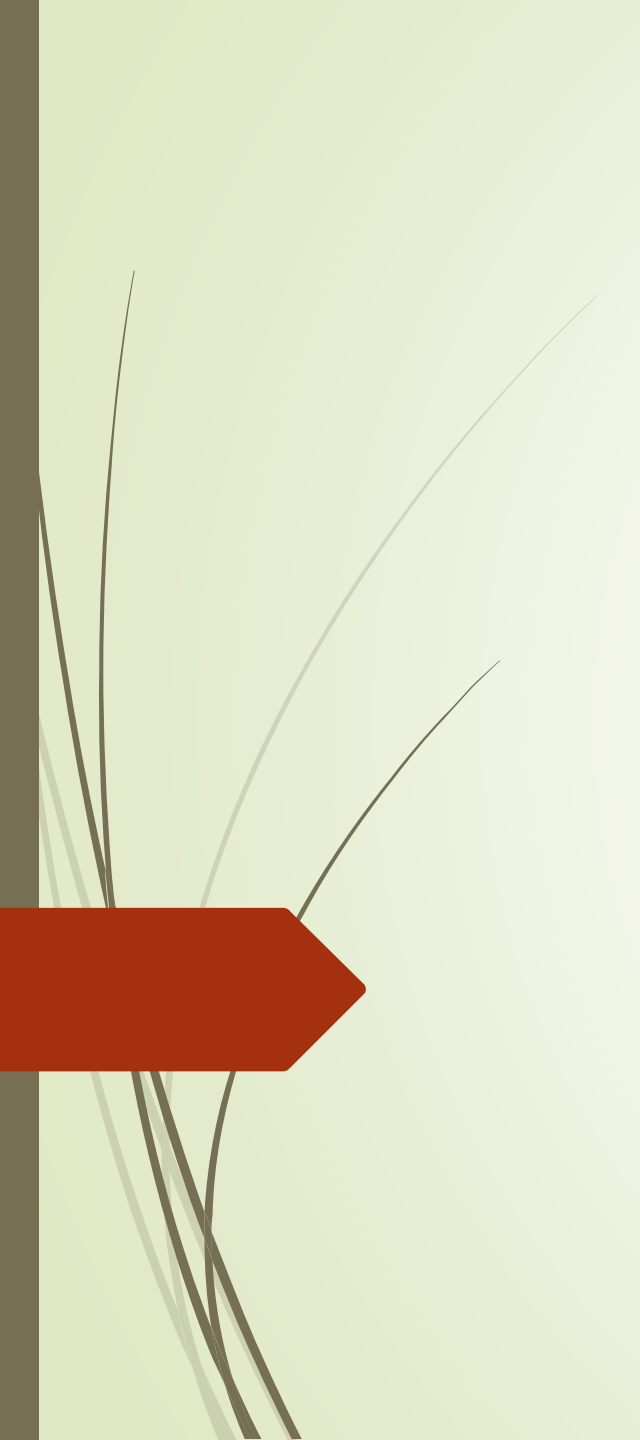




**Demonstrate the use of
Technology in the
community.**

Demonstrate the use of Technology in the community.

B7.1.2.1.1. Describe and give examples of at least five technology tools for learning in each subject

B7.1.2.1.2. Demonstrate the use of at least three technology tools identified. Demonstrate the use of a technology tool in groups and present to the whole class how that tool works.

B7.1.2.1.3. Discuss the benefits of using technology tools in learning.



TECHNOLOGY IN THE COMMUNITY

Let consider the images below



TECHNOLOGY IN THE COMMUNITY

What is Technology?



TECHNOLOGY IN THE COMMUNITY



- Technology is the application of scientific knowledge to create machinery equipment to solve problems.
- It is the sum of techniques, skills, methods, and processes used in the production of goods or services.

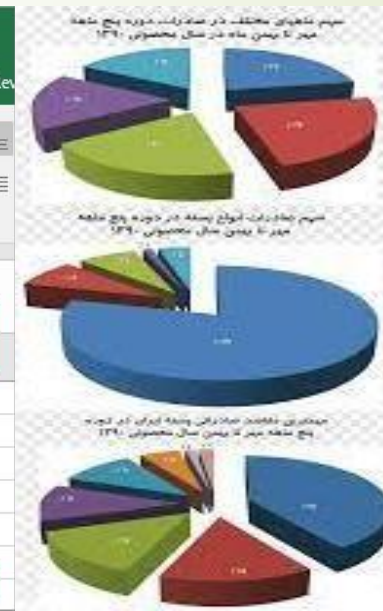
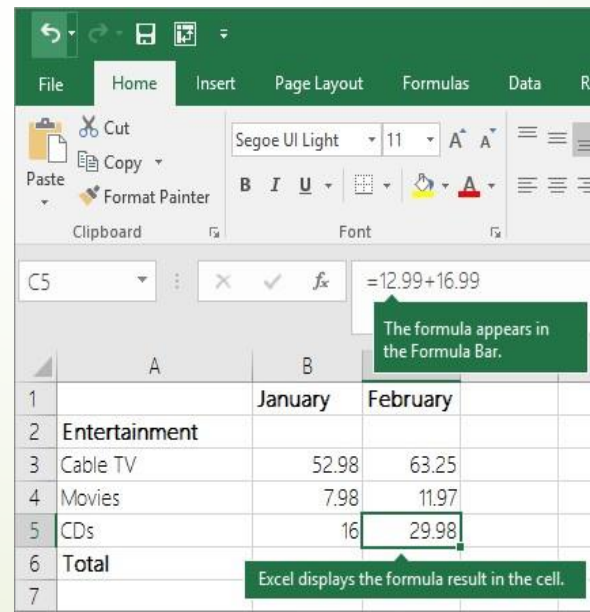


Technological tools for learning

1. Spreadsheet
2. Encarta
3. Virtual Museum
4. Scabbles
5. Scratch

Spreadsheet

- A spreadsheet is a software program that allows users to organize, format and calculate data with formulas.
- Examples of spreadsheet include; Microsoft Excel, iWork Numbers, LibreOffice-calc, etc.





Benefit of Spreadsheet

1. It helps students develop problems solving skills
2. Numerical data can easily be understood using tables, graphs and models
3. Spreadsheet helps students relate classroom mathematics to the real world
4. Students are able to build reasoning and investigative skills from the use of spreadsheet.

Encarta

- Encarta is a multimedia encyclopedia program which provides users with variety of features for research and activities for learning.

Benefit of Encarta

- It contains a huge database of information in all topics which quickly supplies answers





Virtual Museum

- A virtual museum is a collection of digitally recorded images, sound files, text documents, and other data of history, science or culture that are accessed through electronic media.
- Eg: www.youvisit.com/tour/Vatican (For Rome Vatican museums)
- <https://artsandculture.withgoogle.com/nationalhistorymuseum/>
(National History museum, London)



Virtual Museum

➡ Benefit of Virtual Museum

1. Large storage of old information for referencing by students and researchers.

Virtual Museum





Virtual Museum





Scabble

➡ Scrabble is a word game in which two to four players score points by placing tiles, each bearing a single letter to form words.

➡ **Benefit of the Scrabble game**

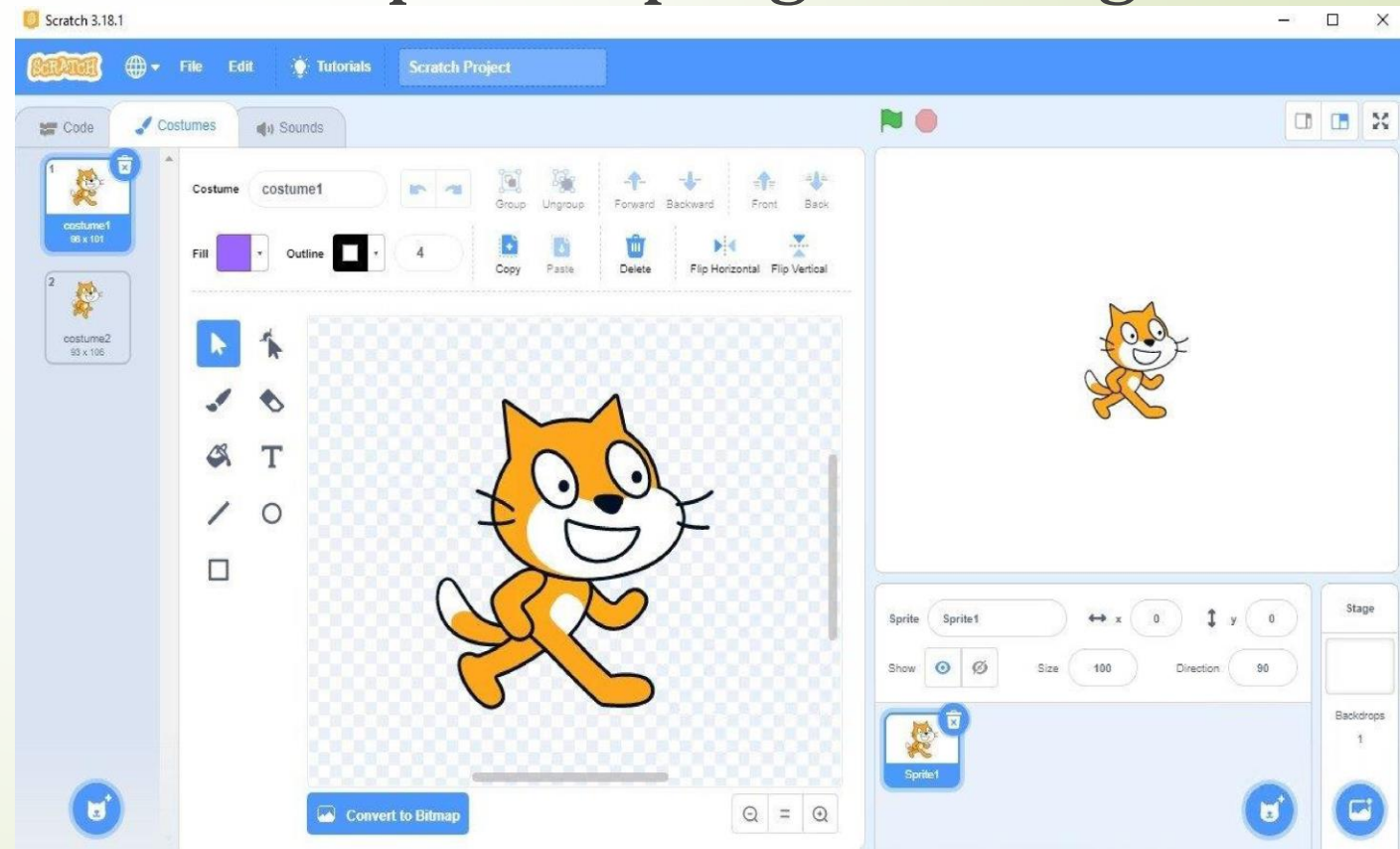
1. It improves spelling and vocabulary
2. It improves the creativity of children
3. It improves mathematical skills
4. It is a source of entertainment

Scabble



Scratch

- Scratch is a free object-oriented software development kit (SDK) that allows children create animations, interactive stories, games and music without needing to know a specific programming language.





Importance of learning with Scratch

1. It makes coding and programming simple, fun and enjoyable for learners.
2. It fosters coding literacy in learners.
3. It helps learners to logical problems
4. It helps learners to work collaboratively and improve communication skills.
5. It boosts the creativity of learner to implement new ideas.
6. Learner develop essential skills in project management.



Presentation Software

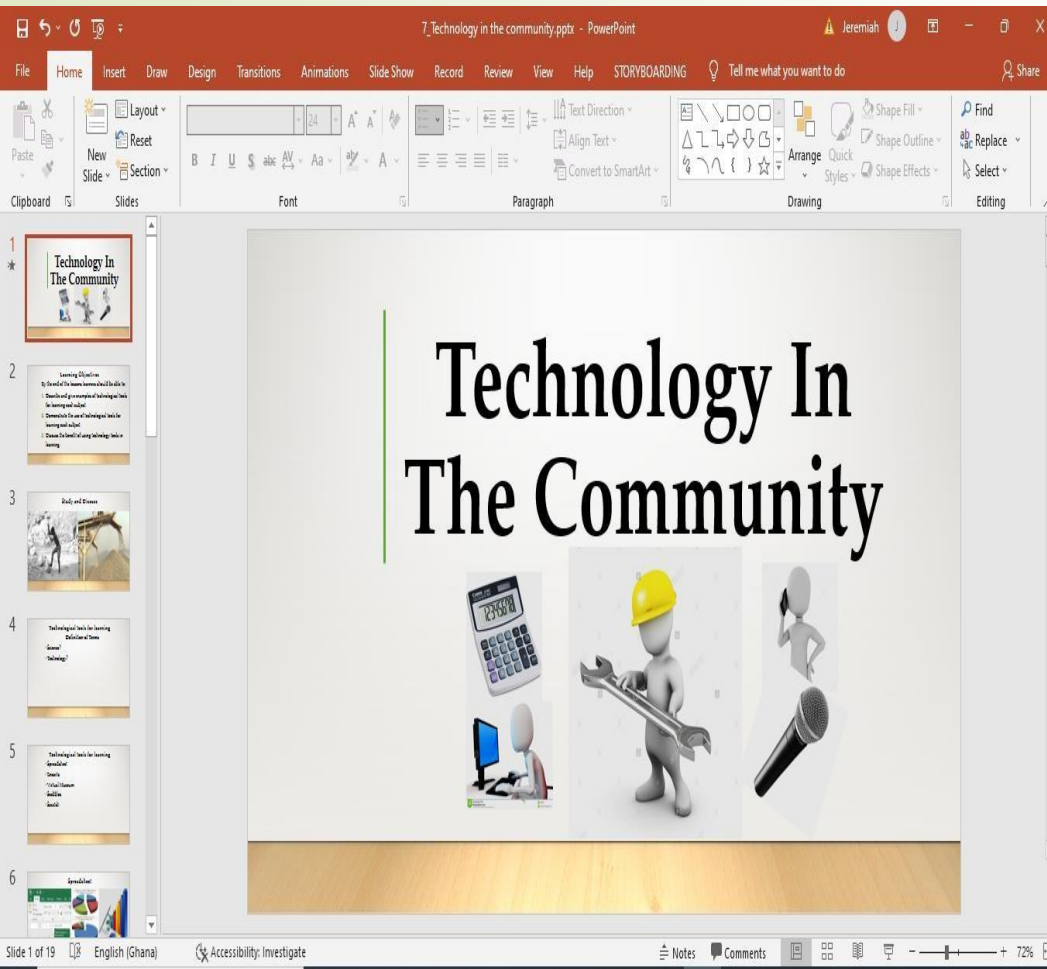
➡ Presentation software such as PowerPoint is used to show information to a large number of audiences using projector and screen.

➡ **Benefit of Presentation Software**

1. Helps student visualize object whiles learning
2. Pictures and illustrations bring understanding and easy remembrance
3. Video integration in lessons makes learning fun.
4. Helps teachers teach better with ease



Presentation Software



PRESENTATION SOFTWARE





Benefit of using technology tools in learning.

1. Technological tools help in distance learning
2. Virtual learning is made possible due to technology tools
3. Technology tools make learning interactive.
4. Learners learn at their own pace when using technology tools
5. There is prompt feedback on the learning process when using technological tools