



FEDERAL DIRECTORATE OF EDUCATION

Summer Vacation Task

Computer Science ---Class-VII

**SESSION
2023-24**



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FEDERAL DIRECTORATE OF EDUCATION
SUMMER VACATION HOMEWORK
CLASS:7th

Note: Summer Vacation Homework must be completed in full. Attempt the questions on loose sheets. File containing all loose sheets must be submitted on the first day after vacation.

SUBJECT:COMPUTER SCIENCE

VACATION TASKS

No.	Student Learning Objective	Task
1	Identify the use of emerging technologies in various walks of life	Research about 3 companies that are working on emerging technologies these days. You must create a profile for each company using chart paper, mention the key products, the main technology and the impact it will have on the future. Include drawings and explanations. E.g. self driving cars by Tesla
2	Identify hardware components of a computer system	Pick a peripheral device of your choice and explain its working. You can write steps and use diagrams.
3	Identify networking components	Draw a simple computer network and explain each component.
4	Develop and demonstrate word processing skills	Suppose you use MS-Word to type a report about any event(family function, party, eid, concert, etc). Your document contains: <ol style="list-style-type: none">1. A Heading which is bold and underline and text size 20.2. A small paragraph of introduction. Center align your paragraph.3. A numbered list containing everything you did at the event in order.4. One image5. One table containing facts about the event like location, name of host, nature of event, etc. Write steps to make such a document.
5	Develop and demonstrate	How can we add audio to powerpoint

	presentation skills	presentation? Write the steps.
6	Develop and demonstrate presentation skills	Learn about Canva. Open canva.com and try any template to make a card for your mother regarding mothers day. You must send this card to your teacher on WhatsApp.
7	Get introduced to email	Make a gmail account and use it to email your vacation project to your teacher.

VACATION PROJECT

Students have to complete one project to practice the practical application of knowledge. Following is the detail of project.

Student Learning Objective	Project Details	Project Deliverables
Develop and demonstrate understanding of programming constructs in Scratch	Student must use Scratch to create an animation of a joke.	<p>Following items should be emailed to teacher in an email titled with Student Name:</p> <ol style="list-style-type: none"> 1. A screen recording of the animation 2. Screenshots of code 3. 3 screenshots of animation