

Dear Parents / Students

Due to the unprecedented situation, Knowledgeplus Training center is mobilized and will keep accompanying and supporting our students through this difficult time.

Our Staff will be continuously, **sending notes and exercises on a weekly basis** through **what's app and email**. Students are requested to **copy the notes and do the exercises** on their copybooks.

The answers to the questions below will be made available on our website on **knowledgeplus.mu/support.php**

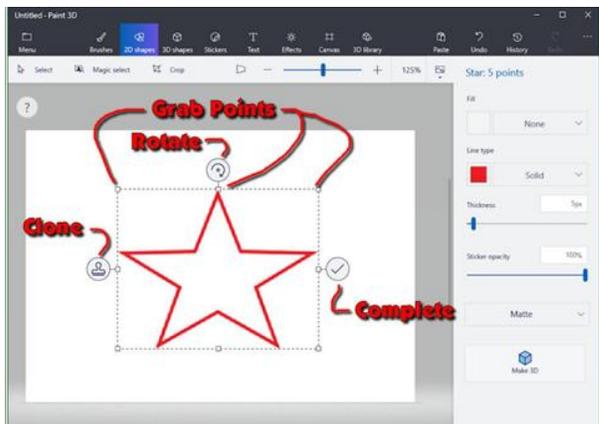
We thank you for your trust and are convinced that, together, we will overcome these troubled times

ICT – Extra Notes and homework- Week 6

3D Painting (Part 2)

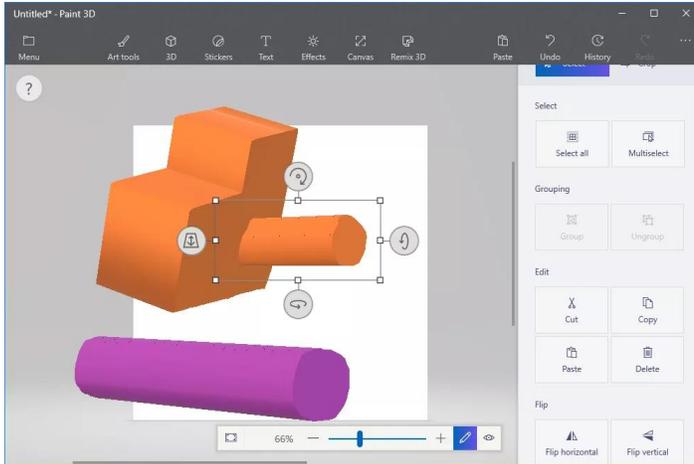
❖ Creating 2D Shapes

It is easy to draw perfect shapes with our collection of 2D shapes and the line and curve tool. Use the control circles to manipulate the curvature to your desired angle. You can also click Make 3D to turn the shape into a layer with additional rotation options.



❖ 3D Shapes

There are many ways to get started in creating in 3D. Use pre-made shapes to jump start building a new model or use the 3D doodle tool to instantly turn your 2D sketches in 3D models. Simply trace a design from a photo or draw one free hand and watch as it instantly pop into a 3D model. The sharp edge 3D doodle creates sharp lines, perfect for drawing a star. The soft edge 3D doodle creates a soft curve, perfect for drawing a cloud.



How to Turn a 2D Shape into 3D in Paint 3D

1. Open Paint 3D and click New to start a new project
2. Draw a shape, or doodle. Alternatively, you can add one to the project by dragging the file in from a separate window.
3. Click the 3D shapes icon in the menu bar.
4. If you want to match the color, click on the eyedropper tool and touch the color you'd like to match in the 2D doodle
5. Click the shape you'd like to replicate from the sidebar. Since our emoji face is a circle, we're going to select the 3D sphere, but you can also choose one of the 3D doodle options below and trace the shape with a finger or stylus (if you have a touchscreen device) or your mouse.
6. Click the 2D shape on the artboard to place it, and drag to resize it until it's similar to the 2D shape or doodle. Hold the shift button while dragging to resize all sides equally.
7. Select the 2D object by clicking outside the shape and dragging the box over it.
8. Choose Make 3D from the sidebar.
9. Click Make Sticker from the sidebar.
10. Drag the sticker on to the 3D shape. From here, you'll just need to resize and reposition until it fits the shape.

Theory Questions

Exercise 1: Fill in the blanks with the appropriate words given in the box below.

Storage	Secondary	Arrow	Rectangle
Mouse	Output Information	Primary	Hard Copy
ROM	Program	Cursor	Keyboard

1. A computer converts data into _____.
2. The device that looks like a typewriter is called a _____.
3. A Floppy disk is a type of _____ device.
4. A _____ is a set of instructions for completing a job.
5. A printer is an _____ device. It produces a printed copy of information that is known as the _____.
6. A _____ is an input device that controls the cursor on the screen.
7. A cursor looks like a short _____.
8. The two types of storage devices are _____ and _____ memory.

Exercise 2: Indicate whether the following statements are True or False.

1. Speakers are used to input sound in the computer.
2. A VDU can display both graphics and text.
3. A keyboard is the most common output device.
4. A dot-matrix printer has the fastest printing speed.
5. Operating system is a system software used to control the hardware.
6. RAM is a type of permanent memory.
7. A computer can work 24/7.
8. The main types of software are: System and Application Software.
9. A scanner is an input device.
10. ROM stands for Random Access Memory.
11. Data displayed on computer screen is called hardcopy.
12. A mouse is used to enter text into a computer.
13. The key "Enter" on keyboard is used to go the next line.
14. Input device store data and programs for later use.

Q3: Complete the following table below by choosing the correct word from the list.

silicon

saving

backup

hacker

input

Data stored on disks	
Data that goes into a computer	
The process of storing data from RAM on a disk	
It is used to make chips	
A person who gains access to a computer system illegally	

Q4: Match each of the following words with the correct group of words

Storage	A series of actions carried out by the processor
Processing	A large blank graph of cells formed by the intersection of rows and columns
Spreadsheet	Output device used to present data on paper
Window	Any place where data is kept
Printer	A portion of the monitor screen used for a purpose.

Q5: Cross (X) the words which show actions that you must not do in the ICT classroom.

<i>Making noise,</i>	<i>Eating,</i>	<i>Drinking,</i>	<i>Keeping quiet</i>
<i>Playing tennis,</i>	<i>Typing,</i>	<i>Printing,</i>	<i>smoking</i>