**Discussion on Animation:**

1. **What is animation?**

* The animation is the step of using pictures and quickly displays it, or known as the moving images. It is measured by frames per second or number of drawing pictures in a second. The more it is, the better the quality

1. **Why animation is possible?**

* It is possible by using a large number of drawing images and combine that into a slideshow that is playing very quickly.

1. **What is the frame rate in animation?**

* Frames rate refers to a number of frames is being displayed per second. In old fashioned animation, the common fps is between 24 and 30. But now, with advanced technology, animation movies are getting so much better with higher fps (above 100+ fps) with lots of details and effects.

1. **What are the keyframes?**

* Drawing that defines the starting point and the ending point of the scene, or known as the scene transition.

1. **What is tweening?**

* The system computer generates intermediate frames between 2 images, known as keyframes to make the transition between images smoothly.

1. **What is kinematics?**

* A mathematical and physics term refers to motions of points, bodies and systems of bodies without considering the force of gravity that moves them.

1. **What is morphing in animation?**

* A special effects in motion pictures and animations that change one image or shapes into another through a seamless transition.

1. **List at least two animation tools.**

* Adobe Animate provides a great starting point and features for the user to choose from.
* Technically MS Powerpoint could be the one if each slide contains an image and being played at a very fast speed.

1. **List at least 3 areas that animation can be used.**

* The animation is very popular in gaming, especially it is used to display a cut scene or a game story scene.
* They can be used to advertise a product or even advertise their own movie.
* A simple use would be a transition point/effect between scenes.