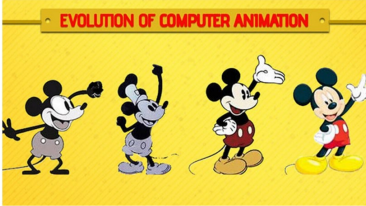
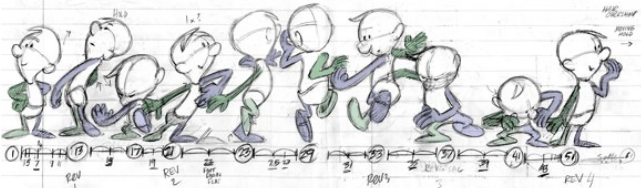
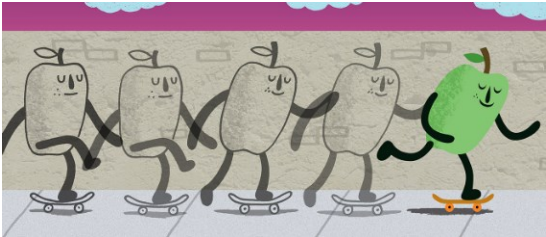





**Prior Learning:** acquire, retrieve and store images, modify images in a paint program using various tools for purpose, create a sequence of images to form a short animation or slideshow.

Facts	Vocabulary
<p><b>1. What is animation?</b></p> <ul style="list-style-type: none"> <li>• Animation is the process of giving the illusion of movement to drawings, models, or inanimate objects.</li> <li>• Animated motion pictures and television shows are highly popular forms of entertainment.</li> <li>• Animation has developed and advanced greatly over the years.</li> </ul>  <p>The image shows four sequential frames of Mickey Mouse walking, illustrating the concept of animation. The title 'EVOLUTION OF COMPUTER ANIMATION' is written above the frames.</p>	<ol style="list-style-type: none"> <li>1. Inanimate—not alive</li> <li>2. Vector animation - computer generate 2D animations</li> <li>3. CGI—computer generate imagery</li> <li>4.</li> </ol>
<p><b>2. What are the different types of animation?</b></p> <ul style="list-style-type: none"> <li>• Some of the main types of animation use are: <ul style="list-style-type: none"> <li>◆ Traditional animation—2D and hand drawn.</li> </ul>  <p>The image shows a series of hand-drawn sketches of a character in various poses, illustrating traditional 2D animation.</p> <li>◆ 2D animation—vector based</li> </li></ul>  <p>The image shows a sequence of five cartoon apples on skateboards, illustrating 2D vector-based animation.</p> <li>◆ 3D animation—computer animation and CGI</li>  <p>The image shows a scene from Toy Story with Woody, Jessie, Buzz Lightyear, and other characters, illustrating 3D computer animation.</p> <li>◆ Stop motion—Claymation and cut-outs.</li>  <p>The image shows Wallace and Gromit from the film 'Wallace &amp; Gromit: The Dog Who Stole Christmas', illustrating stop motion claymation.</p>	<p><b>3. What is stop motion animation?</b></p> <p><a href="https://www.youtube.com/watch?v=wVjMFU11hVA">https://www.youtube.com/watch?v=wVjMFU11hVA</a></p> <ul style="list-style-type: none"> <li>• In stop motion animation objects are physically manipulated in small steps.</li> <li>• This is done between individually photographed frames so that they appear to move independently when the e series of frames is played back in fast sequence.</li> <li>• One second of stop motion animation is made up of 12 frames.</li> <li>• Creating stop motion animation can take a considerable amount of time.</li> <li>• Wallace and Gromit is a type of stop motion animation called Claymation.</li> <li>• The feature length film ‘Curse of the Were– Rabbit’ took 15 months to film as the creators had to manipulate and move the clay models.</li> </ul>  <p>The image shows characters from the film 'Curse of the Were-Rabbit', illustrating stop motion animation.</p>