



INFORMATION TECHNOLOGY BADGE

Complete 6 tasks then hand your work into the Deputy Principals office. Please remember to include any sources of information you have used. Your tasks must be your own work. Please ensure you read and complete each task fully. If you would like to purchase an 'IT' Badge you can do this at the office, these cost \$10 This is an Academic Badge.

TASK 1	TASK 2
<p>Make a 2d animation about Highlands' school values using an animation software like:</p> <p><a href="#">Animaker</a> is a great simple tool for beginners  <a href="#">OpenToonz</a> for more experienced animators.                  If you're stuck then there are some great tutorials on youtube.</p> <p>Must include examples of Rangatiranga, Kaitiakitanga, Manaakitanga and Rawe and be at least 30 seconds long.</p>	<p>Make a "Let's Play" for a game you enjoy playing.</p> <p>Must include at least 2 minutes of footage and the game must be age appropriate or rated no higher than PG.</p> <p><a href="#">Capcut</a> is a great free video editing software which can also be accessed through a browser.  <a href="#">Audacity</a> is a helpful recording software but sadly it cannot be used in the browser.</p>

TASK 3	TASK 4
<p>Make a game using <a href="#">Roblox Studio</a></p> <p>Must have a map and a distinct gameplay feature and a tool.</p> <p>Visit <a href="#">Roblox Studio support</a> for help with coding or bugs.</p> <p><a href="#">This beginners guide</a> on youtube is great for those wanting to get familiar with the studio interface.</p>	<p>Create a trailer for your favourite movie.</p> <p>This must include an introduction to the story and main characters and should have an epic soundtrack!</p> <p><a href="#">Capcut</a> or <a href="#">Imovie</a> (if you're on a macbook or ipad) are great for live action trailers.</p> <p>While the animation applications listed in TASK 1 can be very helpful if your trailer is animated.</p>

TASK 5	TASK 6
<p>Using any computer programme, design a personal logo or graphic that tells me about you.                  Provide an explanation of what each component of the graphic means.</p> <p>For a simple yet effective software use <a href="#">Canva</a></p> <p>Check out the Taranaki Hardcore Logo if you need some help</p>	<p>Create a timeline showing the development of computers from the advent of analogue devices through digital and now AI. This needs to have at least 15 entries. Remember to include where you got your information from.</p>



TASK 7	TASK 8
<p>Create a profile on an IT pioneer - this could be a person such as Steve Jobs, Bill Gates, Steve Wozniak, Charles Babbage, Vannevar Bush, Alan Turing. Explain in your own words what they did, what they created etc.</p>	<p>Create a hand produced poster that explains the following IT terms - CPU, Modem, Bit, bytes, Web cookies, RAM, Spam, CAPTCHA, Cache, Malware, Motherboard, Firewall.</p>

TASK 9	TASK 10
<p>Create three different 2-D games using <a href="#">Scratch</a></p> <p>Make sure they are challenging, have more than one level and one of them should be for two or more players.</p>	<p>Create a promotional 'Movie Poster' for your favourite all time movie.</p> <p>Check these ones out if you need some inspiration <a href="#">Movieposter</a></p> <p>You should include: Movie Title, film Studio, Director, Actors and the image that best represents the film.</p>