

AUPAKI TECHFEST 2019

Workshop Descriptions

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| 1. Stop Motion Are you a creative thinker who likes to make things and tell a story? Come to this workshop to plan and make an awesome stop motion video which we will upload to share with your family and friends. We will be using all sorts of things including lego, clay and even making some set backdrops and sound effects! Heidi Key (Redcliffs) | 2. App Creator So, how is an app created? If you want to learn more about creating apps and have a go at creating your own then this is for you. We will look at a couple of different app creation sites and you decide which one works best for you. Raeleen Payton (HVS) |
| 3. Sphero Winter Olympics You will develop your problem solving skills while coding a sphero to compete in a range of winter olympics events. Kim Ristrom (Sumner) | 4. e-Textiles Use conductive thread, LEDs and batteries to create electronic fabric craft such as a bookmark or a light up minion soft toy. Gwen Vine (Sumner) |
| 5. 3D Printing An exciting opportunity for you to try some 3D printing! During this workshop you will learn how to use the Tinkercad software. You will also get creative and design and print your very own 3D key ring. Nina McMillan (Lyttelton) | 6. Scratch + Makey Makey Do you want your pictures to come alive? With Makey Makey you can make your drawing of a cat meow, a dog bark, your little brother scream! With Makey Makey and Scratch you will be able to do all of these things and more. Jenny Felton (Lyttelton) |
| 7. Coding with BBC Microbit Get creative and have fun coding a tiny programmable computer called a microbit. Learn how to code a paper-scissors-rock game which you can play. Make a doorbell that works across the room. Play a tune, detect north, create a countdown timer and a love detector! Lisa Chubb (MPS) | 8. Music to my Ears Are you a budding musical artist? Do you dream of creating your own music? If you do, then this is the workshop for you! We will be using GarageBand to make movie soundtracks and theme songs! Anita McGowan (MPS) |

T-shirt Sizing Information

STUDENTS SIZING

HOW TO MEASURE

Chest

Measure under your arms around the fullest part of your chest.

Waist

Measure around your natural waistline holding one finger between tape measure and body.

| KIDS SIZE | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
|------------|----|----|----|----|----|----|----|----|
| CHEST (CM) | 58 | 60 | 64 | 68 | 72 | 76 | 80 | 86 |
| WAIST (CM) | 54 | 56 | 58 | 60 | 64 | 68 | 72 | 76 |

