

# DIGITAL TECHNOLOGIES

WEEK 5 – TERM 3 - 2020

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| Focus Area<br>Curriculum Link |  | SESSION 1  |
|-------------------------------|--|--|
|                               |  | Data Interpretation  |
|                               |  | Recognise different types of data and explore how the same data can be represented in different ways <a href="#">(VCDTDI020)</a>   |
| 2<br>Mi                       | <b>Learning Intention<br/>Success Criteria</b> | We are exploring different ways to represent the same data.  |
| 15 Mins                       | <b>Mini Lesson</b>                             | <p><b>How can represent Data?</b><br/>Ask and discuss the following questions:</p> <ul style="list-style-type: none"> <li>• <i>How many ways can I represent the number 2?</i></li> <li>• <i>That is just one number, what about a sequence of numbers – e.g. 2 times table?</i></li> </ul> <p>List the student responses on the board and discuss each one.</p>   |
| 30 Mins                       | <b>Independent Tasks</b>                       | <p><b>Representing Number Sequences</b><br/>Working as a whole class, students will count through the 4 Times Tables as a class without saying the numbers.</p> <ol style="list-style-type: none"> <li>1. Split the class into a 4-5 groups and ask each group to create a way to represent the answers to the 4x tables without using standard numerals (Knocks, vocal sounds, claps, symbols, dots, musical notes, etc.)</li> <li>2. Give students 10 minutes to complete their representations – they need to be able to be shared with the group.</li> <li>3. When ready, count through the 4x Tables as a class – giving each group the opportunity to practise using their representations.</li> <li>4. Run through the tables again – this time selecting one person from each group to provide the answer each time in a random order.</li> </ol> <p>Experiment to see the different combinations of representations the class can use to work through the Times Table. Have some fun with it.</p> |
| 3<br>Mi                       | <b>Debrief</b>                                 | <ul style="list-style-type: none"> <li>• <i>How hard was it to create a different way to represent common numbers?</i></li> <li>• <i>Was it interesting to see how creative you were able to get?</i></li> </ul>   |