

Task notes | He Tauira Tau Number Patterns

Y3

➤ Notes for parents. Activity next page.

The purpose of this task is to help your child to:

- see and describe patterns in our number system

For your child to have success in mathematics, it is important that they see the patterns and relationships in our number system. This helps them to make sense of the numbers themselves and how they relate to other numbers.

This is central to being able to add, subtract, multiply and divide, and do algebra.

Here's what to do:

- Print the task sheet on the following page and check that your child understands what to do.
- Make sure they have coloured pencils, crayons or felt pens to use.
- As they work have them explain to you the pattern they are working on.

Points to note. If your child colours:

- A pattern like 7, 17, 27, 37... check that they understand that the pattern is **growing by 10** each time, not 7.
- A pattern of multiples, e.g. 3, 6, 9, 12... They might write, "The pattern is +3", or "It's every third number."

They are not expected to write, "These are multiples of 3."

Of course, if they do that's correct.

He tauira kōrero Māori

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| He aha ētahi tauira tau e kitea ana i te paparau? | What are some number patterns that you can see on the hundreds board? |
| Tīmata ki te whā, ka heke whakararo ai. Karakarangia ngā tau. | Start at 4 and go downwards. Colour the numbers. |
| Me pēhea te whakamārama i te tauira tau? | How can you explain the number pattern? |
| He tauira tipu. Tāpiria te 10 ki ia tau hei whakaputa i te tau e whai ake ana. | Its a growing pattern. Add 10 to each number to get the number that follows. |
| Tīmata ki te 3, ka karakara ai i te tauira 'tāpiria te 3'. | Start at 3 and colour the 'plus 3' pattern. |



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Tau Kura 3

Kia rerekē te tae karakara i ia tauira.

Tuhia ki raro iho ngā whakamārama mō ngā tauira tau.

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |



He paparau anō tēnei, engari kei te ngaro ngā tau. Ko te 101 te tau tīmatanga ko te 200 te mutunga. Karakarangia tētahi tauira i te paparau. Kātahi ka hoki ki te tuhi i ngā tau o roto i te tauira.

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