NRICH promotes … Exploration & Discovery

Sets of Numbers

How many different sets of numbers with at least four members can you find in the numbers in this box?

For example, one set could be multiples of four, another set could be odd numbers.

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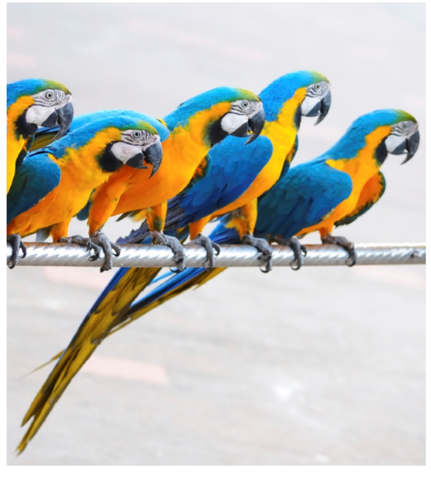
Consecutive Sums



$10 = 1 + 2 + 3 + 4$

$11 = 5 + 6$

$9 = 4 + 5$ and $2 + 3 + 4$

Some numbers are sums of consecutive numbers.

Can you make all the numbers this way?

Which numbers can be written in more than one way?

$12 = 3 + 4 + 5$

$13 = 6 + 7$

$14 = 2 + 3 + 4 + 5$

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NRICH resources inspire students to embark on rich mathematical journeys.

NRICH activities require students to:

- ask good mathematical questions
- explore, discover and investigate new concepts
- appreciate a rich variety of mathematical strategies

‘Low threshold, high ceiling’ NRICH tasks offer accessible starting points that grow into challenging questions and big ideas. They provide opportunities for all students to learn through exploration and discovery.