

Fiordland Holiday

You need ✓ the game board (see the middle of the teachers' notes) and photocopies of the cards (see copymaster)
✓ a 1–6 dice ✓ 2–3 counters ✓ 2–3 players

Game

Your family is spending a month in Fiordland. You all want to see as much wildlife as possible during your stay.

I hope I see a blue duck. They're an endangered species.



The board game in this activity features Fiordland wildlife. You get points for wildlife you see and for adventures and mishaps you have on the way.

How to play:

- Take turns to throw the 1–6 dice and move that number of spaces on the game board.
- If you land on a bird, animal, or insect, multiply their points by your dice throw.

A fantail is 9 points and I threw a 3. I need to work out 9×3 .



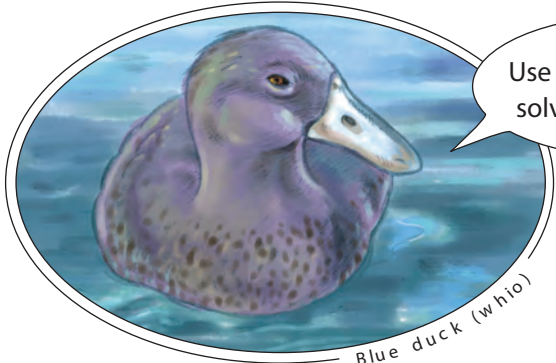
- If you land on an "Adventures and mishaps" circle, pick up a card from the "Adventures and mishaps" pile and follow the instructions to get the points for that card.

I didn't know this penguin was a rare species!



- If you land on a "Rare species" circle, pick up a card from the "Rare species" pile and follow the instructions to get the points for that card.
- You must work out your points from your throw and have the other players check them before the next player has a turn. If your answer is wrong, you get no points.
- The first player to reach Finish gets a 200 point bonus and the game ends. The winner is the player with the most points.

Some Multiplication Strategies



Blue duck (whio)

Use facts you know to solve unknown facts.

I know $5 \times 6 = 30$.
So $6 \times 6 = 30 + 6 = 36$.
And knowing $10 \times 7 = 70$ will help me work out 9×7 .



Jewelled gecko (mokomoko)

Doubling and halving works well with some numbers.

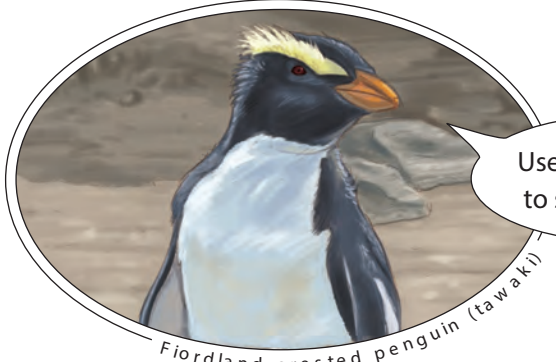
$$5 \times 16 = 10 \times 8 = 80$$



Hector's dolphin (Mauī)

Use times tables that you know to solve other times expressions.

What's 9×5 ?
That's the same as 5×9 , and I know that.
And I know $2 \times 8 = 16$,
so $4 \times 8 = 32$.



Fiordland crested penguin (tawaki)

Use multiplication to solve division.

To find $35 \div 5$,
I can use
 $5 \times \square = 35$.



Takahē

Use "a little bit more" or "a little bit less".

5×19 is 5 less than 5×20 . And 5×21 is 5 more than 5×20 .

