The Tall Man and the Twelve Babies
Tom Niland Champion & Kilmeny Niland

★ Apartment in the city

Activity
Look at the first double spread pages of the book. What shapes can you see? Draw an apartment building that has:
- 10 storeys
- 4 square windows on the front facing wall of each storey
- a triangular roof
- a rectangular flag on a flagpole, on top of the roof.

Investigation
How many different tall buildings can be made using 5 different coloured blocks? Draw each one you make. How do you know when you have found them all?

Inquiry
Are big cities good places to live?

★ Twelve babies

Activity
How many different combinations of girls and boys could make up 12 babies? List them. Use counters to show as many combinations for 12 as you can. Record each of these using numbers and symbols.

Investigation
Find out how many brothers or sisters the students in your class have. Show your data using the Dot plot template. Is there a modal number of siblings?

Inquiry
How many children is too many to have in a family?

★ Alistairs & Charlenes

Activity
Use a piece of string to determine the perimeter of the Banana template. Draw an apple that has the same perimeter as the Banana template. Draw a triangle that has the same perimeter as the banana.

Investigation
Every morning the babies had mashed banana for breakfast. Find out what the students in your class prefer to have for breakfast. Make a column graph to record your data. What does your data tell you about the students in your class?

Inquiry
What is the best value breakfast food?
**Happy babies**

**Activity**
Use the *Baby templates* to create a repeating pattern. Circle the repeating parts of your pattern.
Translate your pattern by replacing each different element with a square, circle, or triangle.
Draw your new pattern. Circle the repeating parts of your new pattern.

**Investigation**
Find out what makes your classmates happy.
Use the *Two-way table template* to record your data.

**Inquiry**
How small is a baby?

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**Messing around**

**Activity**
Decide whether each of these events is likely or unlikely:
- You will bite someone at school today.
- You will bounce on the couch at home.
- You will jingle keys this afternoon.
- You will chase a cat when you get home.

**Investigation**
When the babies were messing around too much, the tall man took the 6 Charlenes and the cat outside.
How many hands went outside?
How many heads?
How many ears?

**Inquiry**
What size are keys?

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**In two**

**Activity**
The tall man thought that the babies would pull him in two.
Use the *In-two templates* to show (by drawing a line) two parts as close as the same size and shape as you can.
Cut out the *Shape templates*. Cut each shape along the dotted line.
Place each piece on top of the other. What do you notice?
Draw your own picture or shape that can be cut into two pieces the same.

**Investigation**
Find out how long your classmates’ arms are (from the armpit to the tip of the middle finger).
Record your data in order from the shortest arms to the longest arms.
Are any students’ arms the same length?

**Inquiry**
Is there a relationship between arm length and hand span?
Dot plot template (number of siblings)

Banana template

Baby templates (for repeating pattern)
Two-way table template (What makes us happy?)

<table>
<thead>
<tr>
<th></th>
<th>Playing</th>
<th>Pet</th>
<th>Hugs</th>
<th>Singing</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Girls</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boys</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In-two templates

Shape templates