FANCY FEET ACTIVITY WORKBOOK – PART 1

Name: ______________________________________________________________

Other group members: _________________________________________________

_________________________________________________

_________________________________________________

_________________________________________________

Group Number: ____________________  Class: ___________________________
PART 1: FEET AND SHOES

What are some really interesting questions you could ask to gather data about our feet and shoes?

Shoe size
_____________________________________________________________________
_____________________________________________________________________

Foot length
_____________________________________________________________________
_____________________________________________________________________

Favourite type of shoe
_____________________________________________________________________
_____________________________________________________________________

Material it is made out of
_____________________________________________________________________
_____________________________________________________________________
## Prediction for my class

<table>
<thead>
<tr>
<th>Shoe size</th>
<th>My data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot length (nearest cm)</td>
<td></td>
</tr>
<tr>
<td>Favourite type of shoe</td>
<td></td>
</tr>
<tr>
<td>Material of favourite shoe</td>
<td></td>
</tr>
</tbody>
</table>
Which topic will we investigate?
(circle your topic)

Shoe size  Foot length  Favourite type of shoe  Material

Record your group’s investigation question below.

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

You can now analyse and represent your data any way you like. Use the blank A4 paper provided.

When you are finished, turn over and answer the questions.
When you’ve finished representing your data, answer the following questions.

1. What steps did you take when you opened your envelope of data?

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

2. Were all the data the same? Describe any variation you found.

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
3. How did your representation help you to analyse your data?

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

4. What conclusion/s have you reached?

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

5. How certain are you of your conclusion/s? Why?

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
6. Would your conclusion be true for all Grade 4 students in Hobart and Brisbane? Why/why not?

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

7. What factors should you consider in Part 2 of the activity when you get to design and create your own shoe?

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

Great job!