

## Resources

### Survey used for *Just hit like!* activity

#### Facebook survey



<b>Q1</b>	What city or town do you live in?															
<b>Q2</b>	What is your current year level?	7 8 9 10 11 12 13 14														
<b>Q3</b>	What is your gender?	Male Female Other:														
<b>Q4</b>	Do you have a Facebook account?*	Yes No														
<b>Q5</b>	How many friends do you have on Facebook?															
<b>Q6</b>	How many close friends do you in real life?															
<b>Q7</b>	Have you ever received a friend request on Facebook from someone that you did not know?	Yes No														
<b>Q8</b>	How much time do you spend on Facebook, on average, per day? <i>Give your answer in hours and minutes e.g. 3 hours 20 minutes</i>															
<b>Q9</b>	How many times do you check Facebook, on average, per day?	No more than once Two to four Five or more														
<b>Q10</b>	Do you think that teenagers spend too much time socializing on Facebook?	<table style="margin: auto; border: none;"> <tr> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td></td> </tr> <tr> <td style="text-align: left;">Strongly disagree</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: right;">Strongly agree</td> </tr> </table>		1	2	3	4	5		Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree
	1	2	3	4	5											
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree										
<b>Q11</b>	How much time do you spend completing school work outside of school, on average, per day? <i>Give your answer in hours and minutes e.g. 3 hours 20 minutes</i>															
<b>Q12</b>	Which of the following would describe your main use of Facebook?	Posting and viewing photos Chatting with friends Commenting on friends' posts Other:														
<b>Q13</b>	How much would you be prepared to pay for Facebook each month (if Facebook was no longer free)? <i>You do not need to enter a dollar sign for this answer</i>															

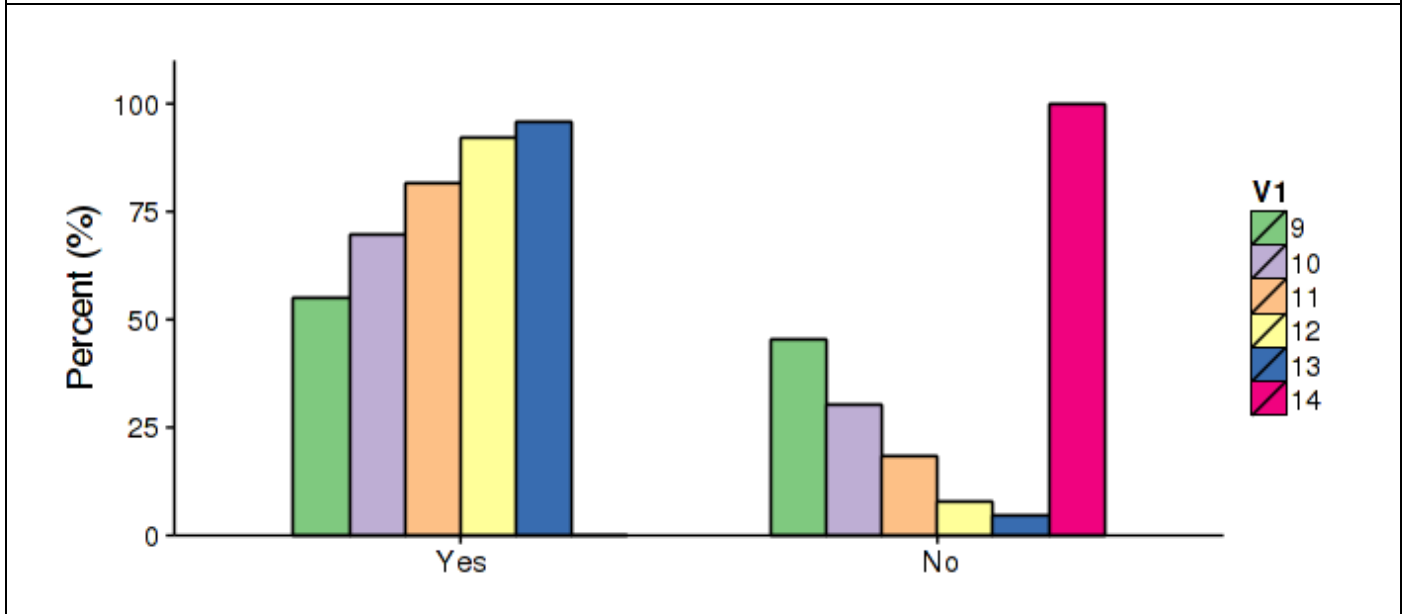
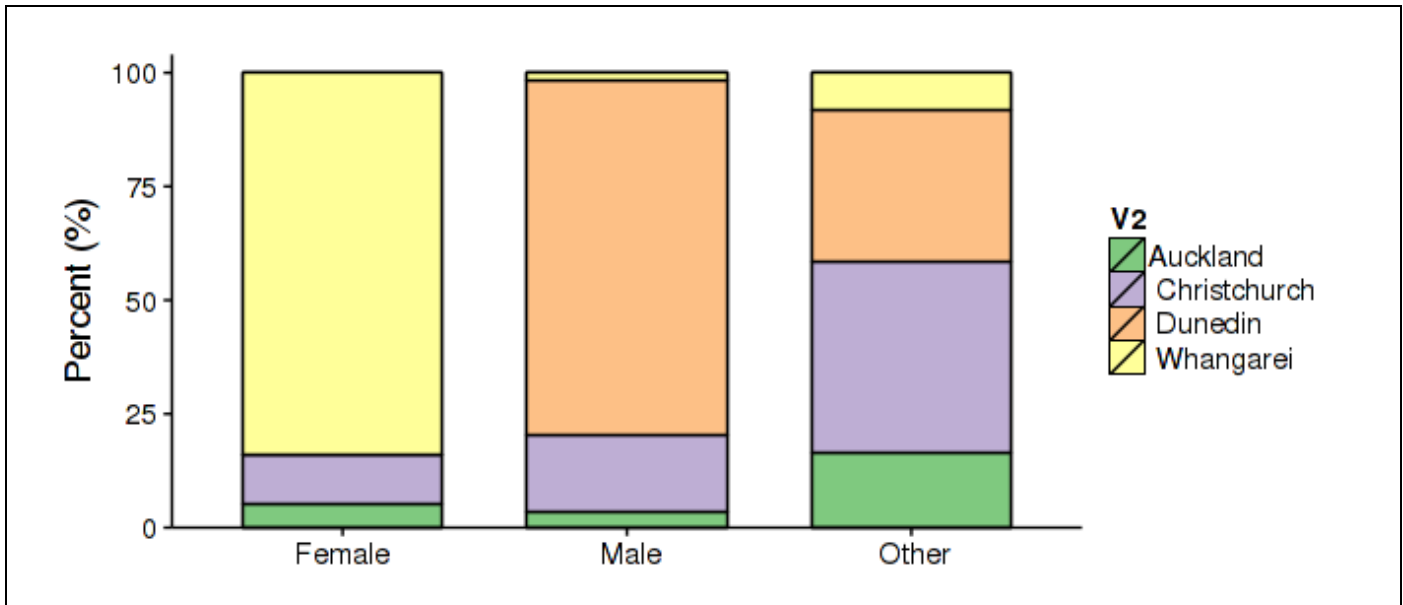
\* If the answer was no, respondents did not complete the rest of the survey

**Question cards used for *Just hit like!* activity**

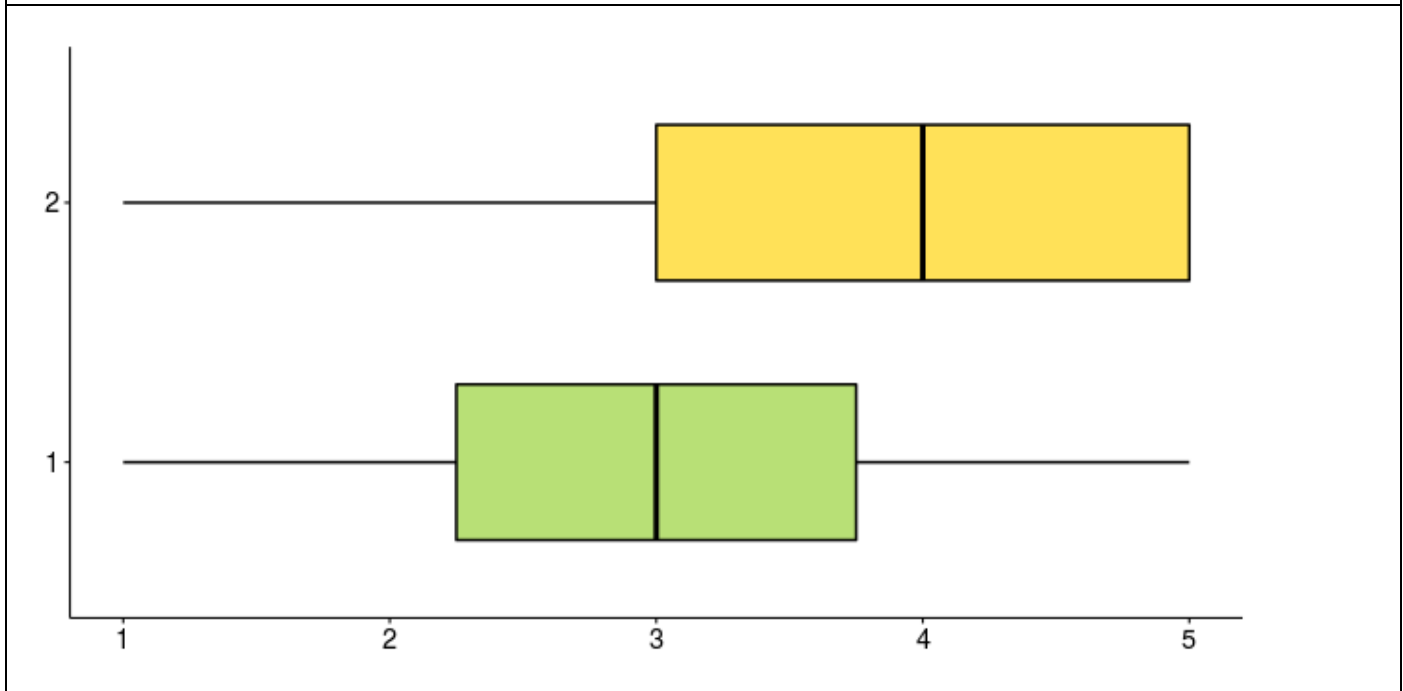
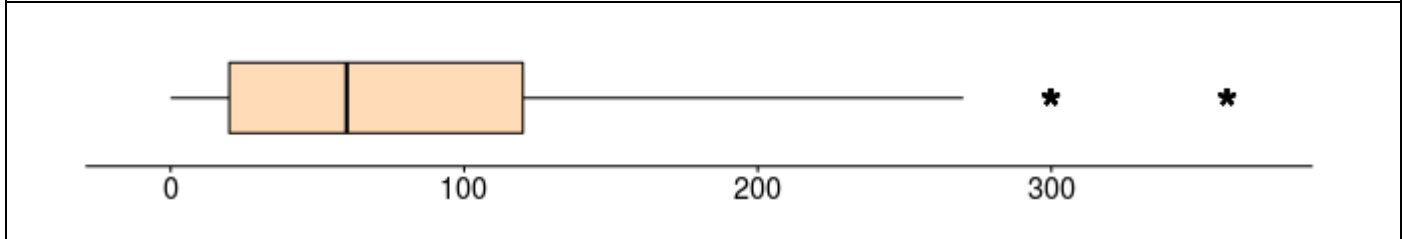
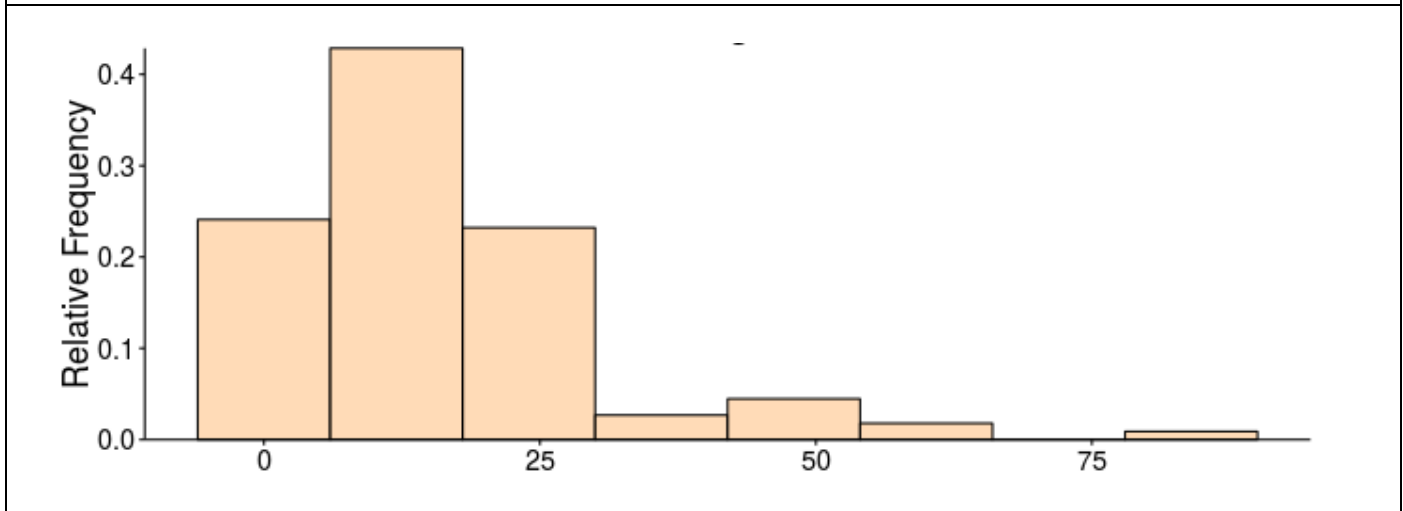
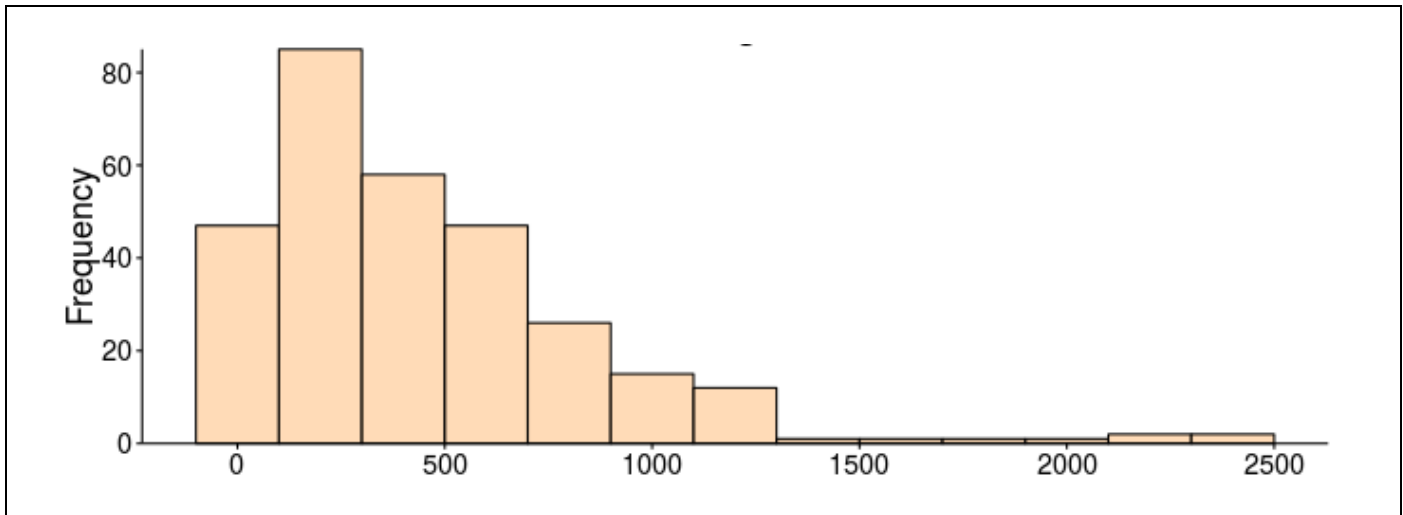
<p><b>Q1</b> What city or town do you live in?</p>	<p><b>Q9</b> How many times do you check Facebook, on average, per day?</p> <p>No more than once    Two to four    Five or more</p>
<p><b>Q2</b> What is your current year level?</p> <p>7   8   9   10   11   12   13   14</p>	<p><b>Q10</b> Do you think that teenagers spend too much time socializing on Facebook?</p> <p>1   2   3   4   5</p> <p>Strongly disagree   <input type="radio"/>   <input type="radio"/>   <input type="radio"/>   <input type="radio"/>   <input type="radio"/>   Strongly agree</p>
<p><b>Q3</b> What is your gender?</p> <p>Male    Female    Other:</p>	<p><b>Q11</b> How much time do you spend completing school work outside of school, on average, per day? <i>Give your answer in hours and minutes e.g. 3 hours 20 minutes</i></p>
<p><b>Q4</b> Do you have a Facebook account?</p> <p>Yes    No</p>	<p><b>Q12</b> Which of the following would describe your main use of Facebook?</p> <p>Posting and viewing photos          Chatting with friends          Commenting on friends' posts          Other:</p>
<p><b>Q5</b> How many friends do you have on Facebook?</p>	<p><b>Q13</b> How much would you be prepared to pay for Facebook each month (if Facebook was no longer free)? <i>You do not need to enter a dollar sign for this answer</i></p>
<p><b>Q6</b> How many close friends do you in real life?</p>	<p><b>Q14*</b> The time of the day that the survey was completed by the student, as measured by the number of hours since midnight.</p>
<p><b>Q7</b> Have you ever received a friend request on Facebook from someone that you did not know?</p> <p>Yes    No</p>	<p><b>Q15*</b> The date and time that the survey was completed by the student</p>
<p><b>Q8</b> How much time do you spend on Facebook, on average, per day? <i>Give your answer in hours and minutes e.g. 3 hours 20 minutes</i></p>	

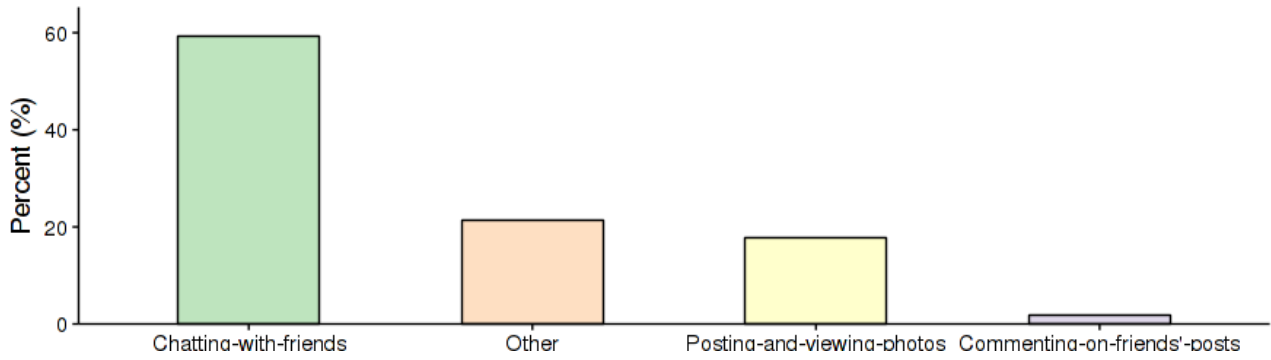
\* These are based on the timestamp that was recorded when each student completed the survey



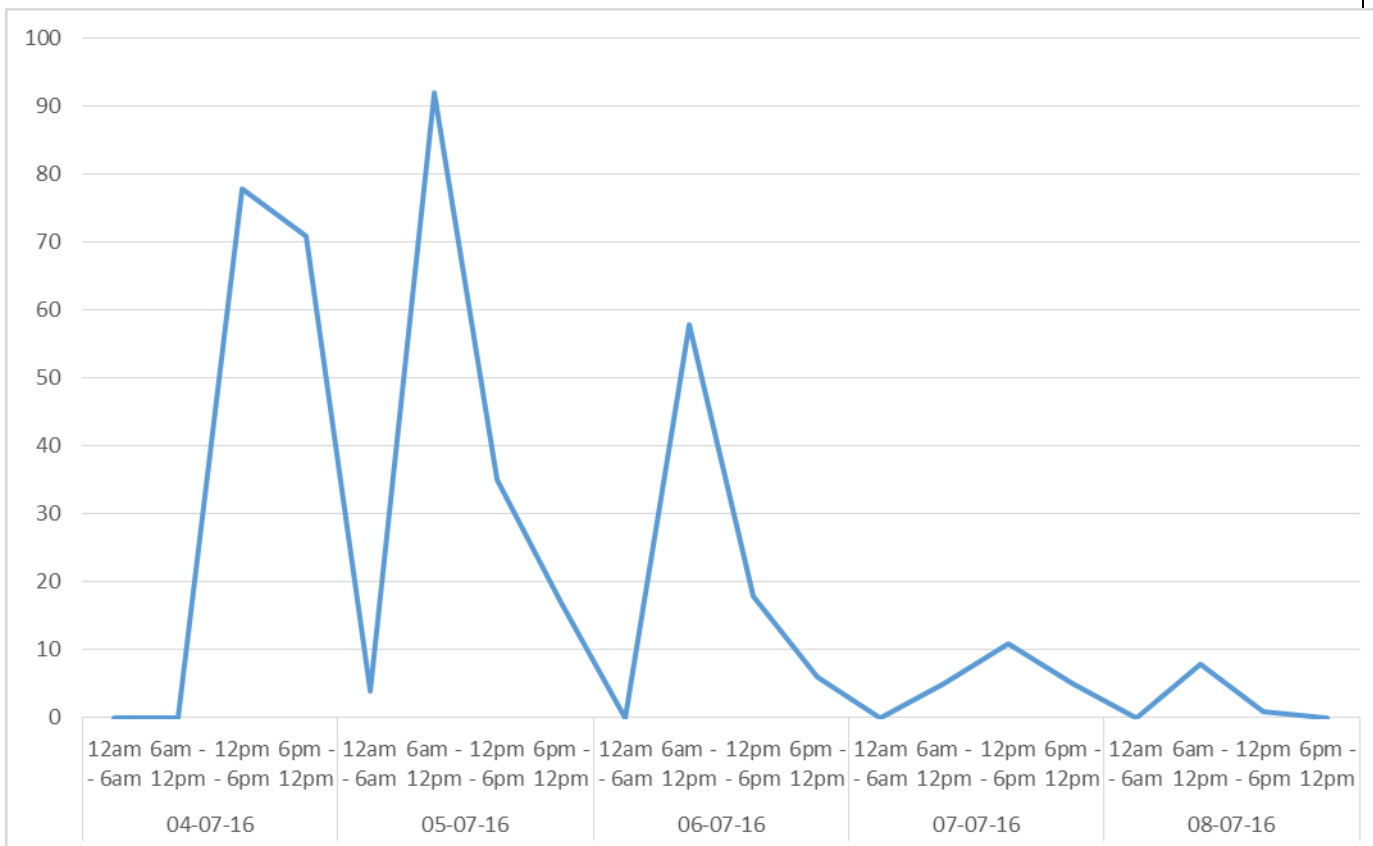


	<b>Frequency</b>	<b>Relative frequency</b>	<b>Cumulative relative frequency</b>
No more than once	51	17.0	17.0
Two to four	113	37.7	54.7
Five or more	136	45.3	100
<b>Total</b>	<b>300</b>	<b>100</b>	





	Frequency	Relative frequency	Cumulative relative frequency
0 - 20	290	0.967	0.967
20 - 40	5	0.017	0.984
40 - 60	3	0.010	0.994
80 - 100	1	0.003	0.997
100 - 200	1	0.003	1
<b>Total</b>	<b>300</b>	<b>1</b>	



## Websites referred to in webinar

A small selection of Pip Arnold resources on Census At School (NZ):

Engaging with shape <http://new.censusatschool.org.nz/resource/engaging-with-shape/>

Using data cards <http://new.censusatschool.org.nz/resource/using-data-cards/>

Growing scatterplots <http://new.censusatschool.org.nz/resource/growing-scatterplots/>

Census At School (US): <http://ww2.amstat.org/censusatschool/index.cfm>

GAISE report: [http://www.amstat.org/asa/files/pdfs/GAISE/GAISEPreK-12\\_Full.pdf](http://www.amstat.org/asa/files/pdfs/GAISE/GAISEPreK-12_Full.pdf)

Statistics teacher: <http://www.statisticsteacher.org/>

Digital data cards: <http://learning.statistics-is-awesome.org/stickland>

Interactive dot plot: <http://learning.statistics-is-awesome.org/dots>

Models of teacher preparation designed around the GAISE framework (Christine Franklin and Gary Kader): [https://www.stat.auckland.ac.nz/~iase/publications/icots8/ICOTS8\\_3E3\\_FRANKLIN.pdf](https://www.stat.auckland.ac.nz/~iase/publications/icots8/ICOTS8_3E3_FRANKLIN.pdf)

Exploring students' conception of standard deviation (Robert delMas and Yan Liu): [http://iase-web.org/documents/SERJ/SERJ4\(1\)\\_delMas\\_Liu.pdf](http://iase-web.org/documents/SERJ/SERJ4(1)_delMas_Liu.pdf)

