

Teens and Screens

Digital Media at School - 2017 Findings

This study is ongoing. It aims to determine current digital media use for education (including homework) in WA, also to record comments by students with light sensitivity and their parents about digital media use and accommodations used at school and at home.

The number of surveys returned

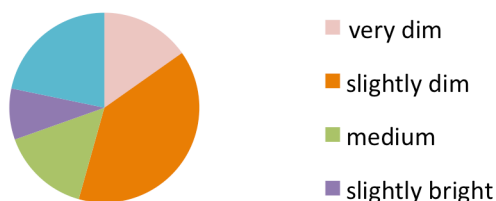
Student = 50

Parent = 24

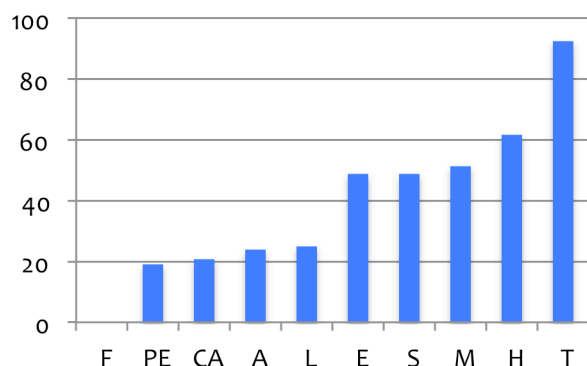
Methodology of data cleaning and representation:

- Data without parental consent removed
- Data entries less than ½ complete removed

Student's preferred screen brightness



% of classtime using digital media by subject area

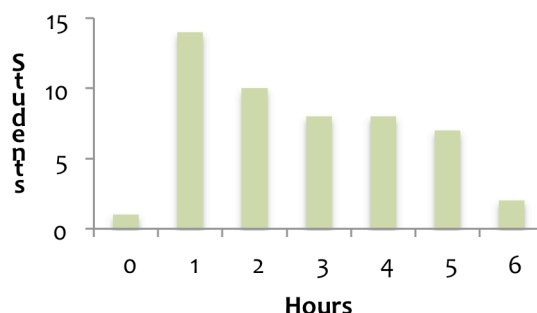


F – Food and Nutrition PE – Physical Education
 CA – Creative Arts A – Administration (form)
 L – Languages E – English
 S – Sciences M – Maths
 H – HASS (social sciences) T – Technology

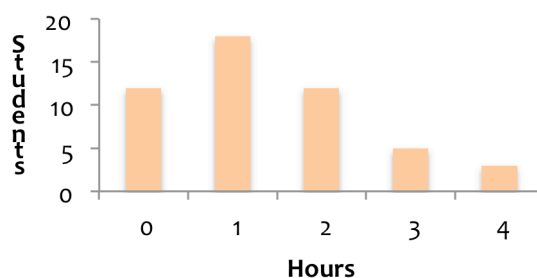
Qualitative answers coded as follows in each section per student:

- up to 30 mins => 0 hours
- 31 – 90 minutes => 1 hour
- 91 – 150 minutes => 2 hours etc

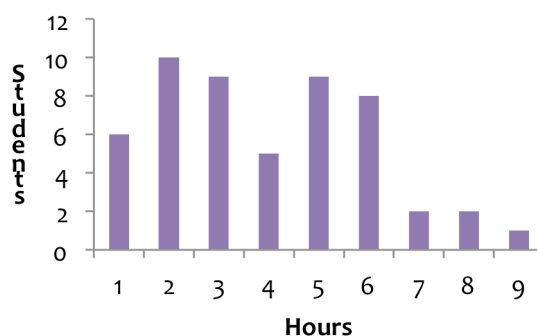
School hours educational media/day



Homework hours digital media/day



Total hours educational digital media/day





The following comments are excerpts from surveys. Students were invited to comment on use of digital media ...

... in the Classroom

- 'The digital media use in the classroom changes daily'
- 'Used phone to take a photo of some notes'
- 'For some quarters there was only one or two people on that device'
- 'barely verbally interact we always use technology this shouldn't be the case I don't learn that way'
- 'I like computers but sometimes there is too much'
- 'The whiteboard is ALWAYS ON and I have to sit up the front'

Top accommodations for students with light sensitivity/migraine when working with digital media...

... at school

- Sitting next to the window/using natural light
- Low luminance screen

Top accommodation for students with light sensitivity/migraine when working with digital media...

... at home

- Taking frequent breaks
- Sitting next to the window /using natural light

Data to come: Teacher perspective and 2018 student and parent data.

Parents of **students with light sensitivity/migraine** were invited to comment on use of digital media and accommodations...

...at school

- 'Teachers do not understand and are not willing to take students seriously'
- 'Teachers don't care they say that's where you need to sit'
- 'Nothing other than a seating plan where student sits at the front of the class but this is not always going to be the best for every classroom in the school'

'Prefers to read from a book'

'Prefers to sit near a window, not always possible in the classroom'

Parents of **students with light sensitivity/migraine** were invited to comment on use of digital media and accommodations...

...at home

- 'Prefers window light, the flickering overhead lights are distracting'
- 'Lighting and printouts of homework'

Thank you for reading this short report. If you have any queries or comments on this Preliminary Data, or about the study itself, please contact Janene Sproul by email using janene.sproul@murdoch.edu.au

Ethics Approval Number : 2016/033