SASTA OLIPHANT
SCIENCE AWARDS

SOUTH AUSTRALIAN SCIENCE TEACHERS ASSOCIATION

Prize Winner

Scientific Inquiry
Year R-2

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Oliphant Science Awards

Scientific Inquiry by Hamish Buttfield (ID 0447-021)

What do other people feel about the coronavirus?

Introduction

<u>What is the question that you are investigating?</u>

How do you feel about the coronavirus?

<u>What do you predict will happen?</u>

- Lots of people to be sad about the coronavirus and some people to answer the questions.
- Too much screen time will be the new normal.
- Kids will not be going to bed later.
- Kids will be getting enough sleep.
- People will be playing less.
- Kids will not be getting enough sun.

Materials and Methods

<u>How will you investigate your predictions?</u>

Ask the people the questions and see if they have the same answers as me.

I did mind maps to work out what questions I was thinking.

Daddy helped me to read a newspaper story and a story in the Lancet.

I wrote in my journal about what the story said and the questions. The ones with the stars at the start and the end are the questions.

After the questions, I did the risks with Daddy and thought that lots of people will be sad about the coronavirus, so I asked them to stop if too sad about the coronavirus.

We typed the question onto the computer. The questions were:

1. Do you feel that too much screen time is the new normal?
2. Are kids going to bed late?
3. Are kids getting enough sleep?

4. Have people been playing less?

5. Are kids getting enough sun?

What are the variables of the investigation?

I wanted to know how people felt in the coronavirus. I think that people will answer the questions differently because not everyone thinks the same.

Some people might be sad about the coronavirus and some people might not be sad. Some people will say yes and some people will say no.

The thing that will change will be how people think.

What equipment will you need?

I will need my thinking and I had help from my parents to find the stories to read and to write the questions on the computer.

Mummy sent them the questions on the internet and typed my report on the computer.

Risks

I did the risks with Daddy and thought that lots of people will be sad about the coronavirus, so I asked them to stop if too sad about the coronavirus.

Results

What are the results?

Everyone answered my questions.

Table:

| | Answers | |
Questions	Yes (number of people)	No (number of people)
Do you feel that too much screen time is the new normal?	4	3
Are kids going to bed late?	1	6
Are kids getting enough sleep?	6	1
Have people been playing less?	2	5
Are kids getting enough sun?	5	2

Discussion

What patterns and relationships can be seen in the data?

People do not all think the same as me.

Most people agreed with each other in two questions. They were both about sleeping.

What do the results mean?

I think that the kids will not be sad about the coronavirus.

Most kids were doing the same thing as normal.

Do the results support your prediction?

Yes. They thought the same as me.

How can your investigation be improved?

I would ask more people.

How could your findings be useful to others?

They might help people and give them some ideas about what you could do during the coronavirus.

What other questions could be further investigated?

Do you feel sad in the coronavirus?

References

My mum and my dad helped type on the computer, helped me spell the words, helped me to put the survey on the internet, found a news interview for us to read together, and found a scientific inquiry that the person being interviewed had written that we read together.

The title of the news interview was 'COVID-19 could have long-term impact on children's sleep, physical activity, and screen time'. (https://www.uow.edu.au/media/2020/covid-19-could-have-long-term-impact-on-childrens-sleep-physical-activity-and-screen-time.php)

The title of the scientific inquiry was 'Promoting healthy movement behaviours among children during the COVID-19 pandemic'. (https://www.thelancet.com/journals/lanchi/article/PIIS2352-4642(20)30131-0/fulltext)