SASTA OLIPHANT
SCIENCE AWARDS

Prize Winner

Multimedia
Year 3-4

Abigail Atkinson

Virginia Primary School

Government of South Australia
Department for Education

SASTA
South Australian Science Teachers Association

ROWE SCIENTIFIC
PTY. LTD.
www.rowe.com.au

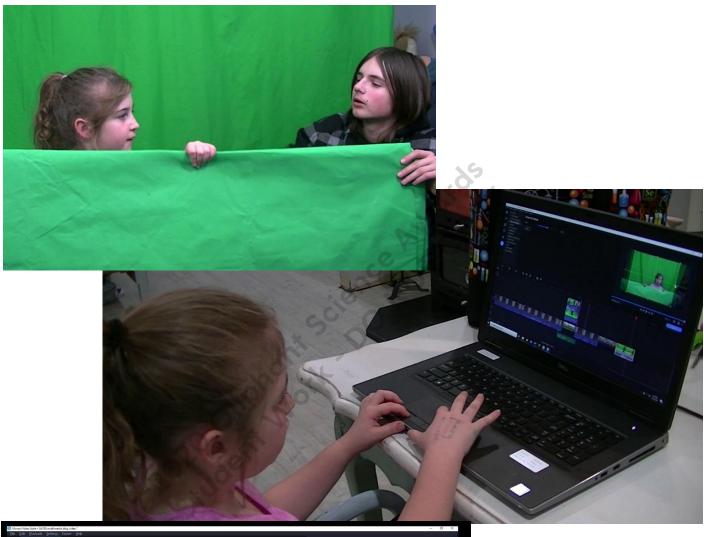**2020 Oliphant Science Awards – Multimedia category**
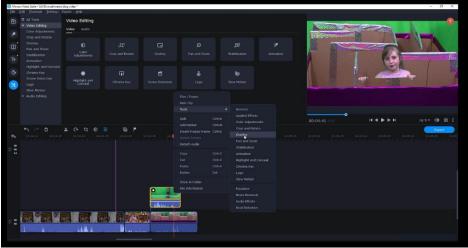
"Rat Race The Movie" By Abigail Atkinson

My video can be found https://www.youtube.com/watch?v=pJ04Kh8Ku_w

1. The software used to create the video was Movavi Suite 20

2. Bibliography
   http://www.ratbehavior.org/RatsAndMazes.htm

3. Any problems and how they were overcome.
   - The rats kept moving in the wrong spots when we were filming them. We can use pictures instead of moving footage or use treats to try keep them in a spot.
   - Talking in front of the camera and remembering what to say was hard. We used some flash cards to remind me when I kept forgetting.
   - The green screen was soft so I couldn't pull up on it like a real wall. We got people on each end to hold it tight. We could have used cardboard and covered it with a green screen to make it stronger.
   - The rats climbed out of the maze. Luckily we got two runs before they started climbing out. Next time I would need to make a lid for the maze.

4. Acknowledgement of any assistance.

Toby Trenwith taught me about editing and helped with my video, he made sure it was correct, the right length and helped me crop some footage. Toby sped up the footage of the rat walking on the edge of the maze and helped me with the text in the video. He made sure it was not too long.

The video editing was fun I didn't think it was hard. I just needed some reminders if I forgot how to do something. I learnt how to crop footage, then press chromakey to hide the green. I then had to overlay the picture, but this was tricky to get the picture to line up sometimes. I cut some footage to the right spot. I also did some voice overs.

For more information check out my Rat Race Investigation, Science Inquiry Entry.

Thank you for watching my video.

From Abi.