

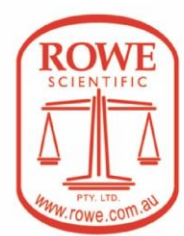


Prize Winner

**Multimedia
Year 9-10**

Beth Worthley

**Walford Anglican School for
Girls**



Oliphant Science Awards 2020

BETH WORTHLEY

The software I used to create the final product of my multimedia presentation titled 'What is a non-Newtonian Fluid?' was iMovie. I used Microsoft Word to plan, write my script, take notes on non-Newtonian fluid and write this evaluation. I used Google chrome to research non-Newtonian fluids. I faced a few problems whilst creating my project. The main problem originally wanted to make 2 types of non-Newtonian fluids, the first with cornstarch and the second with potato starch. However, I couldn't seem to get the potato one to work so instead I just did a more in-depth cornstarch explanation. Even though I cut out one experiment, I still seemed to have a lot of footage. In the end, I had to cut down around 3 minutes of my final video in order to make my final video the appropriate length. This meant that I had to cut down around a quarter of the actual experiment and only a little bit of the observations. My original plan for the video was just to explain what a non-Newtonian fluid is but I thought that also showing what it looks like would be more interesting. My final video is around 2 minutes and 30 seconds long. A problem I had was finding good angles to film the fluid. I ended up taking most of the shots from a direct birds eye view, as any other angle did not properly show the fluid and parts I wanted to show of it. I did all of the editing, graphics and applied the sound myself. The background music I used was 'theme' music from iMovie. The background music is a theme music from iMovie. All of the ideas are mine.

BIBLIOGRAPHY:

<https://www.youtube.com/watch?v=Fnd-2jetT1w>

<https://www.thebestideasforkids.com/how-to-make-oobleck/>

<https://www.sciencelearn.org.nz/resources/1502-non-newtonian-fluids>

https://www.youtube.com/watch?v=KB43fM_ozKQ