



Highly Commended

Multimedia

Year 5-6

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**Government
of South Australia**

Department for Education



The Science Behind Homemade Lava Lamps

By Rahini, Mikaela, and Indahla.

Link:

Invitation sent via Dropbox

Software:

- iPad Camera
- Splice
- Dropbox

Written Report:

During the process of making our Oliphant Science Awards project, we stumbled across several challenges. For example, one of us accidentally left the script at school on the last day of the term. We were planning to film it in the holidays, but instead of filming our video on Sunday, we needed to film it on the following Tuesday. While we were filming, our script was accidentally caught in the video. This was a problem because when we tried to crop the script out, the title in our introduction and part of Indahla was cut off. So, we separated those two scenes, cropped the rest, and then added them together. This may have caused it to look a little bit less professional, but it was the best solution that we could find. Another difficulty that we came across was that one of us poured the oil out of the container a bit too hard which caused the oil to be not as clear in appearance. We needed to continue filming as we did not have spare materials. It was challenging to film outside as there were loud noises such as dogs barking, birds chirping and children playing, which affected the sound quality. We resolved this problem by having one of the people in our group bring a dog treat and by adding background music after the filming.

Bibliography:

- <https://www.homesciencetools.com/article/how-to-make-a-homemade-lava-lamp-science-project/>
- <https://littlebinsforlittlehands.com/homemade-lava-lamp-density-science-experiment/>
- <https://www.youtube.com/watch?v=lvcPiDvmFJM&feature=share>