

FERRO FLUID EXPERIMENT



By Farboud 6G

APPARATUS:

- Adult Supervision
- Ink toner
- Vegetable oil
- A cup
- A plate
- Gloves
- Newspaper

METHOD:

First, cover the table with newspaper

Then, put on some gloves.

Next, CAREFULLY pour a couple of teaspoons of ink toner into a cup.

After that, pour vegetable oil into the cup and stir.

When it develops a sludge like consistency, stop stirring.

Finally, pour the mixture onto a plate.

Now, hold a magnet over the mixture.

What do you think
will happen?

PREDICTIONS



PICTURES



What happened?



<https://www.bing.com/videos/search?q=ferrofluid+for+kids&&view=detail&mid=9F0FD30846DF28F6074E9F0FD30846DF28F6074E&&FORM=VRD GAR&ru=%2Fvideos%2Fsearch%3Fq%3Dferrofluid%2Bfor%2Bkids%26FORM%3DHDRSC3>

CONCLUSION

The toner powder used in laser printers contains 40% of fine iron dust.

When it is mixed with oil, the mixture acts as a liquid magnet.

Liquid magnets are also known as Ferro fluids.

Also happening this week:

Duck eggs are arriving on Tuesday

Each class will have a parent come in to talk about science in their job

Each class is visiting Year 6 for a carousel of science activities on Thursday

There will be another house captain assembly on Friday

Remember to check out the school science page for more information!

<https://www.gardensuburbjunior.co.uk/page/?title=Science&pid=330>

THANK YOU FOR

LISTENING

THANKS KIDS