

## What makes your cat purr?

Be your own scientist at home! Follow this experiment or design your own to see what make your cat purr with happiness.

1. Collect items that you think your cat might be interested in.

Here are some ideas:

- a. A stuffed toy your cat likes to play with
- b. Cat nip or a simple spice, like cinnamon, sprinkled on a tissue
- c. Perfume sprayed on a tissue
- d. A picture of someone that live in your house (maybe you?)
- e. A piece of cat food or your cats favorite treat
- f. Other items your cat might like



2. Create a data collection sheet to record your observations.

Here is an example if you need help:

Item presented	My cats response
Favorite toy	
Cat nip	
Perfume	

3. Make some predictions- which items do you think your cat will like? Which will your cat not respond to? Which might make your cat run away?
4. Present the items to your cat and record their response on your data collection sheet.
5. Review your predictions- were you surprised by any of your findings?
6. Compile your data and create a way to show your results.
7. Present your results to your family and/ or friends. Maybe your friends or neighbors can try the experiment too and you can compare results?
8. Reward your cat for being a good research subject!