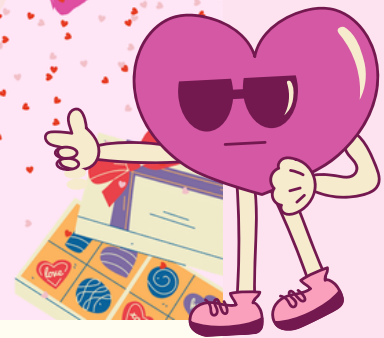
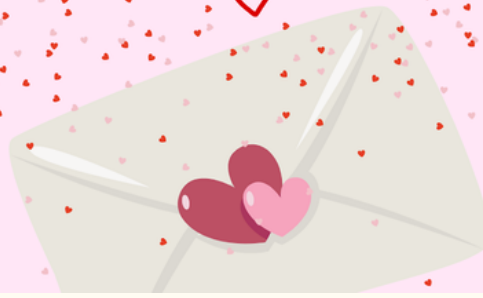
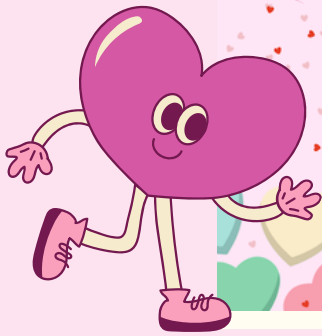


Science Spirit



Why do your pupils dilate when you see someone you love?

There are many things that can influence pupil dilation (also known as mydriasis). One of these is the sympathetic nervous system. When you get scared, or see someone you like, it stimulates the sympathetic nervous system and your body receives a rush of adrenaline which triggers your fight or flight response. This can cause your heart to beat faster, make you breathe faster and can also cause your pupils to dilate. The radial muscles of the iris contract, enlarging the pupils. This also makes you more alert and responsive. This phenomenon even happens when thinking about someone that you love! The sympathetic nervous system is also responsible for blushing. It causes the blood vessels in your face to dilate, increasing blood to the area and giving you warm, rosy cheeks.

Red Velvet Cupcakes

Batter

- 1 large egg
- 85g self raising flour
- 15g cornflour
- 2 teaspoons cocoa powder
- Pinch of salt
- 30g unsalted butter (room temperature)
- 100g granulated sugar
- 60g vegetable oil
- 1 tsp vanilla extract
- Red food colouring

Icing

- 115g cream cheese
- 55g unsalted butter (room temperature)
- 180g powdered sugar
- ½ tsp vanilla extract

Bake for 20 minutes at 180 degrees

Add sugar gradually, beat until fluffy

