

Do cut flowers last longer in warm or in cold water?

Research Questions

- Will warm water allow cut flowers to last longer?
- Is cold water the best way to keep cut flowers longer?

Materials

- 6 Carnations
- 2 vases/jars/glass bottles
- Red and blue food colouring (or any two colours of your choice)
- Pencil and paper
- Camera (optional)

Method

- Gather your supplies.
- Take three cut carnations and place them in a vase of cold water.
- Take another three carnations and place them in a vase of warm water.
- At the same time add blue food colouring to the warm water and red food colouring to the cold water. Label the vases warm and cold so you know colour to add to which vase.
- Observe the white carnations. Which one absorbs the water with the food colouring first? This will determine which temperature is drinking the water faster.
- Take notes as you watch the progress.
- Take pictures as well.

