

GLASS AND CANDLE EXPERIMENT

WHAT TO DO:

1. POUR WATER IN THE SHALLOW DISH/CONTAINER (25-50 MLS)
2. ADD A FEW DROPS OF FOOD COLOURING
3. PLACE THE CANDLE IN THE CONTAINER AND LIGHT IT UP
4. COVER THE CANDLE WITH THE GLASS AND WATCH HOW THE WATER RISES AND CREATES BUBBLES, THE CANDLE ALSO BLOWS OFF AT THE SAME TIME!

WHAT TO USE:

- WATER
- FOOD COLOURING (OPTIONAL)
- MATCHSTICKS/LIGHTER
- CANDLE/TEA LIGHT
- GLASS
- SHALLOW DISH OR CONTAINER

WHAT NOT TO DO:

TRY TO NOT OVERFLOW THE CONTAINER WITH A LOT OF WATER, OR ELSE THE EXPERIMENT WONT WORK

USE A GLASS WHICH WILL COVER THE WHOLE CANDLE OR ELSE THERE WONT BE ENOUGH SPACE FOR THE WATER TO RISE



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PROMPTING QUESTIONS

BEFORE EXPERIMENT:

- **WHAT DO YOU THINK WE WILL DO TODAY?**
- **WHY DO YOU THINK WE NEED FOOD COLOURING FOR THIS EXPERIMENT?**
- **WHY DO WE NEED A SHALLOW DISH?**

DURING EXPERIMENT:

- **WHAT WILL HAPPEN WHEN WE PLACE THE GLASS ON TOP OF THE CANDLE?**
- **WHY DID THE CANDLE BLOW OFF AS SOON AS WE PLACED THE GLASS ON TOP OF IT?**

AFTER EXPERIMENT:

- **WHY DO YOU THINK THE WATER IS RISING WHEN WE PLACED THE GLASS OVER THE CANDLE?**
- **WOULD IT KEEP WORKING IF WE TRY AGAIN?**
- **WHY DO WE NEED A BIT OF PRESSURE TO MOVE THE GLASS AFTER THE EXPERIMENT HAS BEEN DONE?**

