

The background features a gradient from light purple at the top to light blue at the bottom. Numerous realistic water droplets of various sizes are scattered across the surface, some with highlights and shadows. A large, faint, circular light effect is centered in the upper half of the image.

# SCIENTIFIC METHOD LAB DEMONSTRATION

HOW THE SCIENTIFIC METHOD IS USED

# 1. ASK A QUESTION

- **WHAT WILL HAPPEN TO A CAN AFTER HEATING AND RAPIDLY COOLING?**

## 2. FORM A HYPOTHESIS

- WHAT DO YOU THINK WILL HAPPEN?
- COPY AND FILL IN THE FOLLOWING STATEMENT:
- I THINK \_\_\_\_\_  
BECAUSE \_\_\_\_\_.

### 3. TEST THE HYPOTHESIS (MATERIAL/PROCEDURE)

- MATERIALS: HOT PLATE, EMPTY SODA CAN, 2 TBS WATER, TONGS, BOWL OF ICE WATER.
- PROCEDURE:
  - 1. PUT 2 TBS OF WATER IN A SODA CAN.
  - 2. TURN ON HOT PLATE AND WAIT FOR THE WATER TO BOIL.
  - 3. AFTER BOILING, USE TONGS TO PICK UP CAN, TURN UPSIDE DOWN AND PLACE INTO BOWL OF ICY WATER.

## 4. ANALYZE RESULTS

- **WHAT HAPPENED AND WHY???**
- **WRITE DOWN YOUR OBSERVATIONS.**

## 5. CONCLUSION

- MY HYPOTHESIS WAS RIGHT/WRONG ...

## 6. COMMUNICATE RESULTS

- WRITE UP YOUR REPORT USING PROPER GRAMMER.
- WRITE: “THIS IS MY PUBLISHED REPORT.”