

26. Steamed up mirror

Reviewer:

Team Romania

Opponent:

Team Russia - Element

Reporter:

Team Russia - Island 418

Task

When one **blows air** on a **mirror** or a **window pane**, it gets **foggy**. Investigate this **effect**.

Blowing air on glass

- Theoretical information

Getting foggy effect

- Experimental

Reporter summary



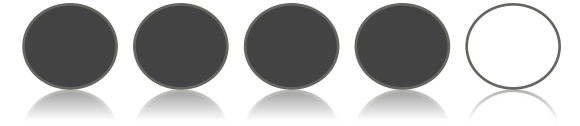
Strong points

- Good definition of terms
- Good structure of presentation (theory, experiments, conclusions)
- Good hypotheses
- Understanding of topic
- Visual aids
- Possible errors mentioned
- Clear setup

Weak points

- Too much text on slides
- Experiments not in control manner(outside/inside)
- Enunciated parameters not measured (temperature, humidity)
- Not clear results
- No slide numbers (hard to ask questions)

Opponent summary



Strong points

- Good understanding of topic
- Very good questions
- Background research on topic of fog/stem
- Seen a lot of mistakes made by the reporter
- Challenged the reporters solution of solving the experiment
- Good points regarding external factors(breath of the person)

Weak points

- Haven't taken into consideration the glass they used (phone screen, plastic)
- Didn't know how to measure the quantity of fog, even if stated it!

Clashes during the fight

- O: How did you measure the temperature of the breath?
R: Parameter not important
We: Agree with the opponent, important parameter
- O: How have you measured the parameters you have enunciated?
R: No answer
We: Good question asked by the opponent
- O: Experiment was conducted by only one person or multiple ones?
R: Yes, only one person
We: Good question asked by the opponent
- O: Results different if the reporter had breath out from nose? Why?
R: It would differ! The mouth has a higher humidity!
We: Agree with the reporter
O: Ambiantal temperature affect the results?
R: Yes, but no measured parameter!
We: Agree with the opponent