



# 22. Montgolfière Review

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# The Problem

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To **heat air** for a **simple hot air balloon**, one can even use a **heater**. Build such a buoyant. **Explain the results** for your experiments and **determine important parameters**.



# The Report

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- Equipment
- Built simple air balloon
- Floating conditions
  - Equation
- Didn't explained theory behind hot air balloon
- Found parameters
- Explained parameters
- Made conclusions



# The opposition

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- They experimented
- Explained phenomena
- Didn't determine parameters



# Points discussed



# Pictures

## Opponent

- Can you explain what happened?

## Reporter

We filled it with steam

Our opinion: agree with opponent that pictures were confusing and reporter did not explain them well



# Results

## Opponent

- What results did you get?
- Did you get actual results?

## Reporter

- Listed conclusions
- No

Our opinion Agree with opponent, the reporter should have included results



# Points missed

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- Didn't explain how an air balloon works
- Didn't explain why hot air rises
- Didn't use a heater – used boiler



