



# 24. Blowpipe

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# Reporter's Theory - Pros & Cons

1. Good explanation of the respiratory problems

1. Needed more theory about projectile motion
2. Not well explanatory theory in the presentation and had only pictures instead
3. Did not add theory about the blowpipe
4. Did not add theory about how the size, shape and material of the ball can alter the results

# Hypotheses & Experiment - Pros & Cons

1. Included graphs, error bars and pictures
2. Included possible errors

1. Method unclear
2. Only used one type of ball
3. Only used only one type of blowpipe (straw)
4. Did not talk about environmental conditions
5. Not all of the possible errors were mentioned
6. Did not include parameters
7. Did not control the environmental conditions

# Suggestions for further improvement

- Use different materials for the blowpipe
- Use a mechanism to blow and not humans in order to obtain more objective results and compare with human results
- Check the spot that the ball hits the wall, if it isn't the same the results are inefficient

# Topics for discussion

1. Spot that the ball hits the wall
2. Size of the ball compared to the straw
3. Environmental conditions

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Thank You!

Greece - Team Fryganiotis

Myrto Terpsiadou