

INVENTIONS REPORT FORMAT

Student Name: _____

Student Name: _____

Name of Entry: _____

AIMS

How does my invention solve a real world problem?
What does my invention do?

INTRODUCTION

What were the ideas that made me build this invention/device?
How my invention is original or new compared to current existing technology?
Why is my invention important or relevant to an existing problem?

INSTRUCTIONS

In point form, list the instruction on how to use your invention/device or how to operate it.

- 1.
- 2.
- 3.
- 4.

DESIGN BRIEF

How did I build my invention/device?

Describe any problems building it and how I solved it?

Draw a picture of my invention/device design (prototype)

Label my pictures with what each part does (2-3 or more recommended)

What do I know about the science and technology of the parts of my invention/device? Describe.

Have I tested my invention/device? What were the results? Can I organise my results into a table or graph?

PROTOTYPE 1

PROTOTYPE 2

Take a photo or more and put them here: (It would be good to label the photo)

SAFETY

See Risk Assessment Form

DISCUSSION

What are some of the science principles and/or technology that I am showing in my invention/device?
In detail, how does my invention/device solve the real world problem as mentioned in the aim?
Analyse and include results of field tests.
Describe the limitations of the invention/device design.
Further considerations: how would I improve and develop my invention/device design?

Scientific idea/principle 1

Scientific idea/principle 2

Add other scientific idea/principles if you have more...

How does my invention/device solve a real world problem?

Analysis and results of field tests
(Tables and graphs etc.)

Problems encountered and how I solved it. Limitations and improvements?

ACKNOWLEDGEMENTS

Thank all the people who helped you to complete this project

REFERENCES

Did I use any books, journals, articles, internet to help with ideas and information to build my model?
List this using the instructions from the STS Handbook page 23.