

MUSICAL INSTRUMENTS



TECHNOLOGY PROJECT 1

Years 5 & 6

Name: _____

Class: _____

Year: 5 / 6

DESIGN AND TECHNOLOGY PROJECT

MUSICAL INSTRUMENTS

YOUR TECHNOLOGY TASK THIS TERM IS TO

Design and make a musical instrument. Your instrument will be a percussion instrument and will be decorated carefully.

TO BE SUCCESSFUL IN YOUR TASK:

Your musical instrument needs to be successful in two ways. It needs to look good and work well.

- Try to create an interesting and unusual instrument.
- Make sure you test your instrument as you design it to be sure it will work. Make changes to make it work better.

BRAINSTORM IDEAS FOR MUSICAL INSTRUMENTS.

What percussion instruments do you know already?

DESIGN IDEAS SHEET

MY CHOSEN DESIGN

Side View

Birds Eye View

Materials I Will Need	Tools / Equipment I Will Need

HOW TO MAKE MY INSTRUMENT

Write a step by step plan to help you with the making of your instrument. You may use drawings.

MAKING MY INSTRUMENT

During the making stages of your instrument have you needed any help, made any changes or come across any problems?

Write down your answers carefully under the following headings:

HELP AND ADVICE NEEDED

PROBLEMS TO SOLVE

CHANGES AND IMPROVEMENTS MADE

MUSICAL INSTRUMENT EVALUATION

1. Which instrument idea did you choose to make and why?
2. What materials did you use, were they good or bad choices?

Material List	Good / Bad and why?

3. What tools and equipment did you use? Say how they helped you with your work.

Tools / Equipment	How useful?

4. Did you have any problems during the making of your instrument? If so, how did you solve these problems, did you need any help?

LOOKING AT INSTRUMENTS DESIGNED AND MADE BY OTHER PEOPLE

Choose three designs from the classroom display.

1. Describe each instrument
2. How does each instrument work?
3. What materials have been used?
4. Write down the good and bad points for each instrument.

Instrument 1

Instrument 2

Instrument 3

MUSICAL INSTRUMENT PROJECT ASSESSMENT

Excellent	I have shown I have understood all the work set. I have completed all the work set, or more, to a very high standard.
Good	I have understood all the work set. I have completed most of the work set to a high standard.
Fair	I have understood most of the work set. I have completed most of the work set to an acceptable standard.
Poor	I have understood little of the work set. I have completed some of the work set. I need to check with my teacher more often if I need help.

	Child Assessment	Teacher Check
Design Ideas		
My Chosen Design		
How To Make My Instrument		
Making My Instrument		
Musical Instrument Evaluation		
Finished Instrument		
Looking at instruments designed and made by other people		

Using a highlighter, highlight any statements you feel describe how you have worked on this project.

2	I can think of ideas and can think about what I need to do next. I can draw my ideas, write about them and can make models. I can choose the right tools, equipment and materials and can explain my reasons. I can use tools and can join and combine materials in a variety of ways. I can explain what is good about my work, and can say how I could make it better.
3	I can think of several ideas, then draw them and make models of them. I can make and plan showing how I will make my designs. I can think ahead about the order of my work and the tools, equipment and materials I need. I can use tools and equipment with some accuracy. I can write about my finished design and show where I have made changes.
4	I can think of ideas and can think about what I need to do next. I can draw my ideas, write about them and can make models. I can choose the right tools, equipment and materials and can explain my reasons. I can use tools and can join and combine materials in a variety of ways. I can explain what is good about my work, and can say how I could make it better in future.
5	I can collect information and use it to help me think of some ideas. I can think about who will use my designs and can produce step by step plans. I can use labeled sketches and models to explain my ideas. I can work with a variety of materials and components showing some accuracy. I can select a range of tools and equipment and pay attention to quality of finish / function. I can evaluate my work as it progresses and afterwards, saying what could be improved.

A : Working at top of level B: Working securely within level C: Working just within the level

During this project _____ has shown that he/she is currently capable of achieving Design and Technology level : _____

Signed: _____

Date: _____