

## Musical Instrument Project Assessment

Use a highlighter to highlight any statements you feel describe how you have worked on this project.

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 material 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 would make it better.

I can think of several ideas, then draw 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.

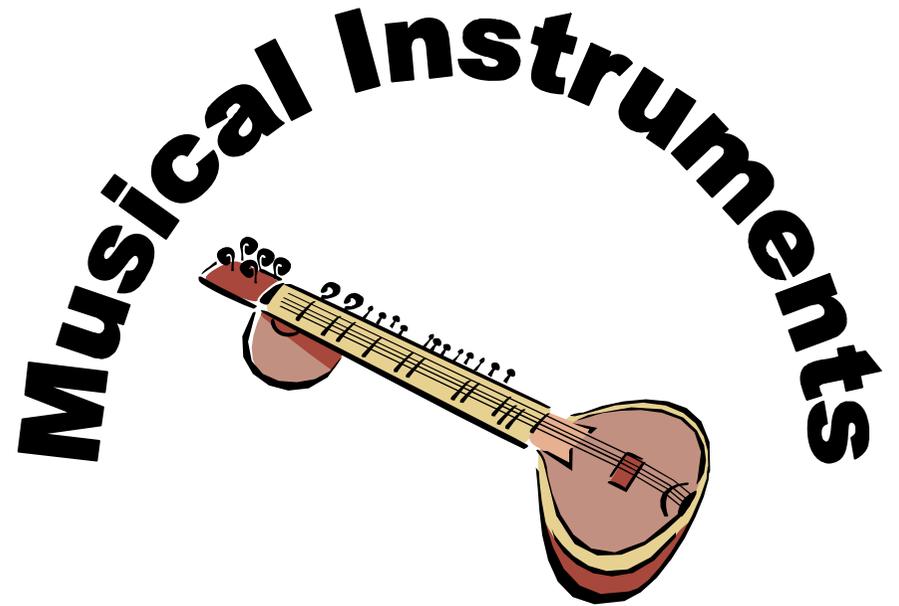
I can collect information and use it to help me think of some ideas.  
I can think about who will use my designs and can produce step by step plans.  
I can use labelled sketches and models to explain my ideas.  
I can work with a variety of materials and components showing some accuracy.  
I can select a range of tools and equipment and pay attention to the quality of finish / function.  
I can evaluate my work as it progresses and afterwards, saying what could be improved.

**How would you rate your work overall? - Put a circle round the most appropriate description.**

Excellent I have shown I have understood all the work set and I have completed the work to a very high standard.  
Good I have understood all the work set and completed most of it to a high standard.  
Fair I have understood most of the work set and completed most of it to an acceptable standard.  
Poor I have understood little of the work set and completed some of it.

During this project \_\_\_\_\_ has shown he/she is currently capable of: \_\_\_\_\_

Signed: \_\_\_\_\_ Date: \_\_\_\_\_



## Design & Technology Project

Year

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## Looking at Instruments Designed and Made by Other People

**There are a number of instruments on display in the classroom. I would like you to select three of them and for each consider the five points below:**

1. Draw the instrument and name it if you can.
2. Describe each instrument.
3. How does each instrument work.
4. What materials have been used?
5. Write down good and bad points for each instrument.

Instrument 1:

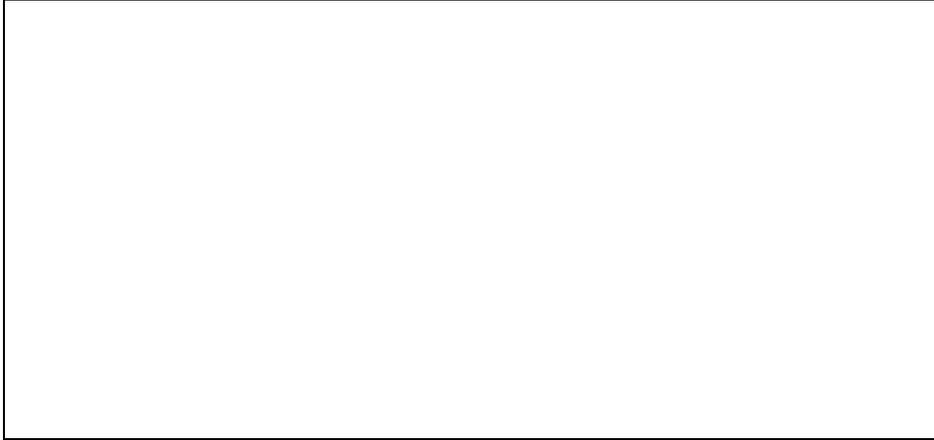


## Evaluation of Home-Made Musical Instrument

5. Did you make any changes or improvements to your instrument as you went along?

6. Is your finished instrument different from your drawing? Explain how different it is.

7. Draw your finished instrument carefully in the box below:



8. If you were to make your instrument again is there anything you would change or improve?

9. Which parts of the instrument project have you enjoyed the most and why?

**Evaluation of Home-Made Musical Instrument**

1. Which instrument idea did you choose to make and why?

2. What materials did you use, where they good or bad choices?

Material List	Good / Bad and why?

3. What tools and equipment did you use? How did this help 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**

Instrument 2:

Instrument 3:

## Our Chosen Instrument Design

**Draw two illustrations of your instrument, a side view and an aerial view.**

**Side View**

**Aerial View**

## Evaluation of School-Made Musical Instrument

5. Did you make any changes or improvements to your instrument as you went along?

6. Is your finished instrument different from your drawing? Explain how different it is.

7. Draw your finished instrument carefully in the box below:



8. If you were to make your instrument again is there anything you would change or improve?

9. Which parts of the instrument project have you enjoyed the most and why?

## Evaluation of School-Made Musical Instrument

1. Which instrument idea did you choose to make and why?

2. What materials did you use, where they good or bad choices?

Material List	Good / Bad and why?

3. What tools and equipment did you use? How did this help 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?

## Our Chosen Instrument Design

**Write a list of the materials you will need to make your instrument:**

**Write a list of the tools and equipment you will need to make your instrument:**

**Describe how your instrument will work:**

## How to Make Our Instrument

**Write a step by step plan to help you with the making of your instrument. You may use small illustrations if this helps.**

## Making Our 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:**