

## Origins - Instruments research task

There are many different instruments and voices from all over the world. Some families of instruments are named by the material they are made from and some by the way they are played or the way that the sounds are produced. In the human world, we call refer to singing as **Voice** and vocal ranges are also identified from the pitch they produce. Four voices have been divided into Female and Male voices and even though many voices can overlap, in a general sense **Soprano** is High female, **Alto** is Low Female, **Tenor** usually High Male and **Bass** Low Male.

In Western Classical music, there is a large group or **ensemble** called the **orchestra**. These instruments are divided into 4 families. These are **Woodwind** which are blown through, **Brass** also blown through but made of metal with wound pipes, **Percussion** instruments that are struck or hit **Strings** which are strummed, plucked or bowed and **keyboards** which have a mixture of strings and are hit or struck. These are the families:

**Woodwind** – Flutes, Oboes, Clarinets and Bassoon

**Brass** – Trumpet, French Horn, Tuba, Trombone

**Percussion** – Side Drum, Bass Drum, Cymbals,

**Strings** – Violin, Viola, 'Cello and Double Bass

**Keyboards** – Piano, Harp, Celeste, Harpsichord

Instruments can also be amplified using leads and electromagnets so need an **amplifier** to be heard.

**Task 1) Create a fact file, newspaper article or brochure** on 1 of the instruments from each of the families of instruments

**Task 2) Research a family of instruments** Create a PowerPoint presentation which showcases a family of instruments. Aim for 3-5 slides and include the following:

- a) Name of family
- b) Name of Instruments
- c) How the sounds is produced
- d) Brief history of the instrument
- e) A sound clip or link to a video you have found

**Task 3) Complete the following diagram of the Instruments of the Orchestra from the list below:**

Conductor, First violins, 2<sup>nd</sup> violins, viola, 'cellos, basses, flutes, oboes, clarinets, bassoons, trumpets, French horns, trombones, tuba, percussion, piano, harp

