

Learning objectives

- To learn about the instruments of the orchestra.
- To develop listening skills.

Time Signature Re-cap

- Listen to me three melodies. What time signature are they being played in?

'Recap'

- Dynamics- loud/quiet
- Tempo- fast/slow
- Duration- long/short (notes)
- Pitch- high/low
- Texture- thick/thin
- **Timbre- sound used (instruments)**

Why are the elements of music so important
in your music GCSE?

Timbre!

Think- Pair- Share

What are the four families of instruments in the orchestra????

Families of the Orchestra

Stings

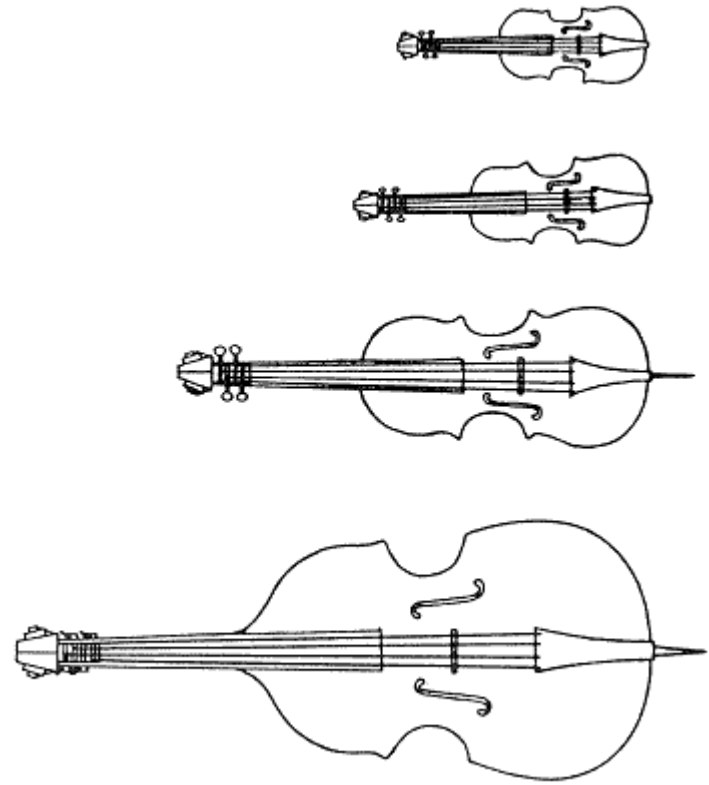
Woodwind

Brass

Percussion

Strings

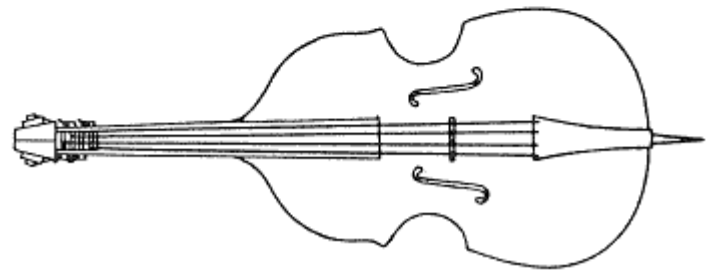
The four main instruments of the string section are:



Strings

The four main instruments of the string section are:

- Violin
- Viola
- Cello
- Double Bass



[Strings](#)

The Harp

- Don't forget about the harp! It is also a string instrument!
- The strings are plucked by hand while seven pedals at the bottom of the harp adjust the length of the strings to produce additional notes.



Concepts relating to string instrument technique



- **Arco**: a direction to use the bow
- **Pizzicato**: pluck the strings with the fingers
- **Tremolo/tremolando**: gives a quivering effect when the bow is shaken. Helps to create tension in music.
- **Double Stopping**: Bow across two notes at once to be able to play two notes at the same time.
- **Col legno**: a direction to play with the wood of the bow, gives a 'scrapy' sound.

Woodwind

The main instruments of the woodwind family are:



Woodwind

The main instruments of the woodwind family are:

- Piccolo
- Flute
- Oboe
- Clarinet
- Bass Clarinet
- Bassoon
- Contrabassoon
- Saxophone



Concepts relating to woodwind instruments

- **Flutter –tonguing**: a method of tonguing in which the player rolls the letter 'r'. It is especially effective on the flute, but is also used on other wind instruments.
- **Trill**: fast alternation of the main written note with the note above it.
- Single reed and double reed??

Brass

The main instruments of
the brass family are:



Brass

The main instruments of the brass family are:

- Trumpet
- Trombone
- Tuba
- French Horn



[brass](#)

Muted (con sordino)

- Brass instruments (especially trumpets) can be **muted**.



Percussion

Un-tuned Percussion:



Percussion

Un-tuned Percussion:

- Bass Drum
- Snare Drum (or Side Drum)
- Cymbals
- Triangle
- Tambourine
- Castanets
- Woodblock
- Gong



[percussion](#)

Un-tuned percussion

- Glockenspiel
- Xylophone
- Tubular Bells
- Vibraphone



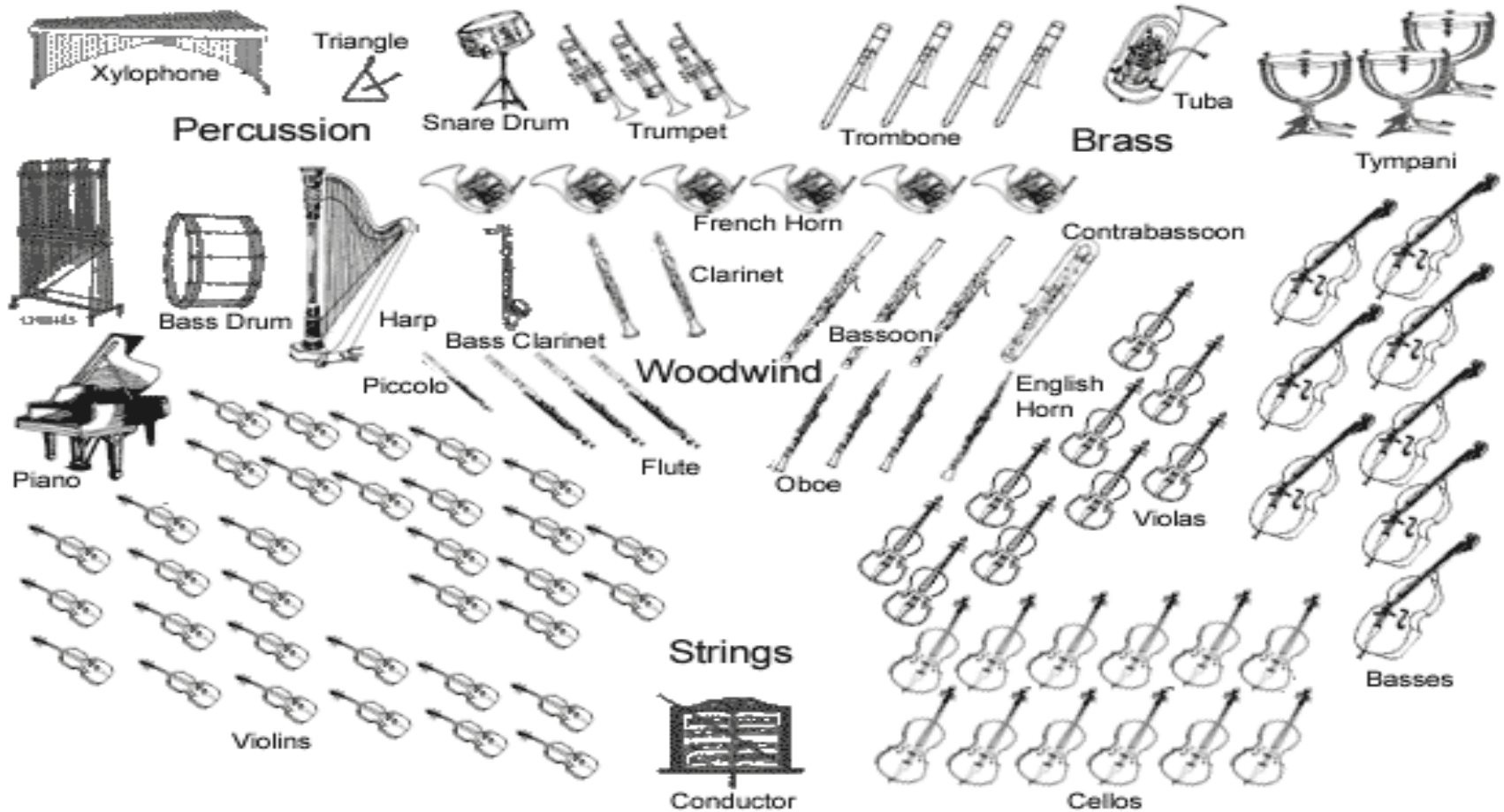
Activate-

Instruments of the
orchestra- links.

[Interactive orchestra](#)

[Guess the instrument game](#)

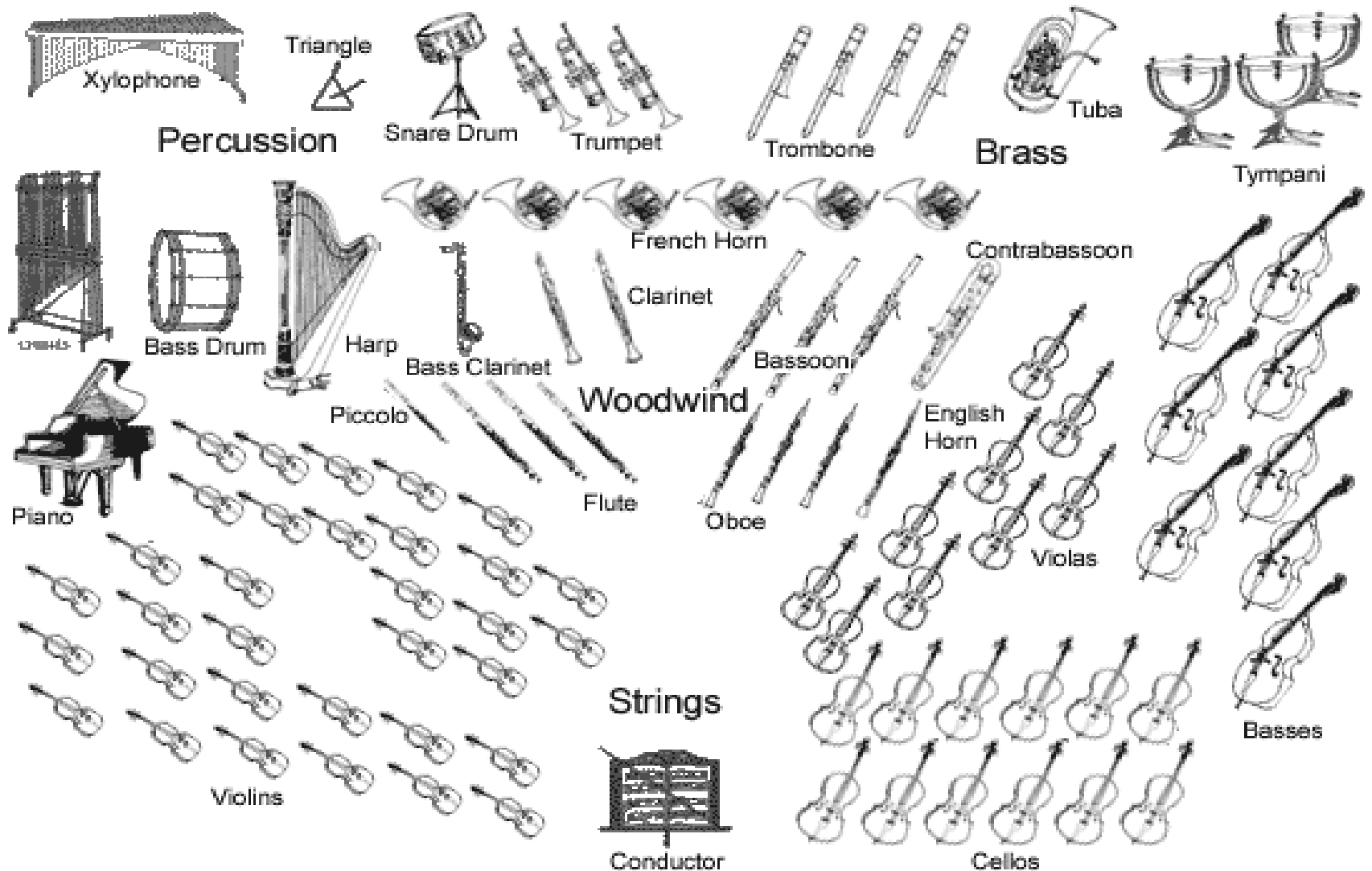
Layout of an orchestra



HUMAN ORCHESTRA

- Listen to Benjamin Britten's Young Persons Guide to the Orchestra.
- 1) Stand up when you think your family of instruments are heard.

2) Stand up when you think your instrument is being played!



Layout of an orchestra

[Bill Bailey's remarkable guide to the orchestra](#)

Homework

- You need to create a research project titled 'The Instruments of the Orchestra'. It should include detailed information about the following family of instruments:
- Strings; Woodwind; Brass; Percussion

You should also try and include audio clips/youtube clips of each family.

Projects can be completed on any ICT programme (word,power-point, publisher etc)

To be completed for Monday 14th October.