

by Beatrice Wilder

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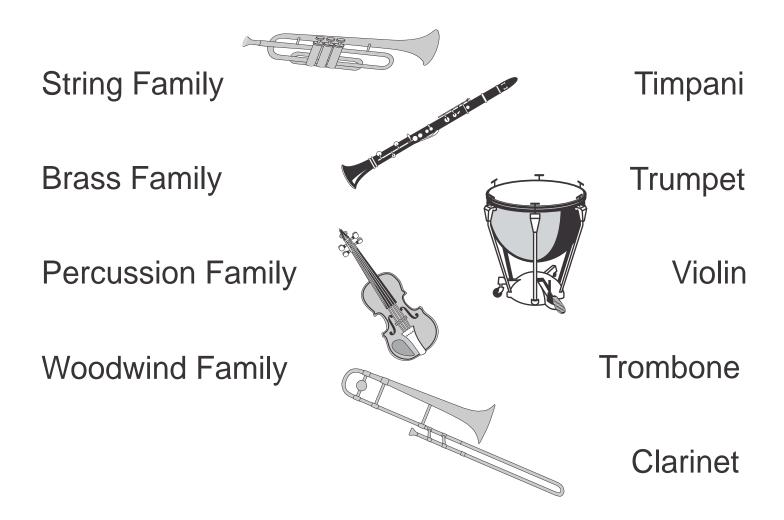


Worksheet 1

Name .....

# Families

- 1) Draw a line between each instrument and its name.
- 2) Draw a line between each instrument and its orchestral family.



3. Write the name of another instrument in the STRING FAMILY
4. Write the name of another instrument in the BRASS FAMILY
5. Write the name of another instrument in the PERCUSSION FAMILY
6. Write the name of another instrument in the WOODWIND FAMILY
7. To which family does the XYLOPHONE belong?



Name .....

# **String Family**

Instruments whose sounds are produced by stretched strings belong to the string family.

Which of the following instruments are not string instruments. Cross them out.

Viola	Timpani	Harp
Double bass	Electric bass	Harmonica
Shekeree	Violin	Cello
Banjo	Piano	Zither
Guitar	Mandolin	Kit

Make your own list of string instruments.

Do some research to see if you can find some which are not on the above list.


Which string instruments would you usually find in a symphony orchestra?

.....



Worksheet 3

Name .....

## Multiple Choice (Tick the correct family)

Oboe	<ul> <li>String</li> <li>Brass</li> <li>Woodwind</li> <li>Percussion</li> <li>String</li> </ul>	Double Double	String Brass Woodwind Percussion String	Bass drum	String Brass Woodwind Percussion String
Cymbals	Brass Woodwind Percussion	Bassoon	Brass Woodwind Percussion	Trumpet	Brass Woodwind Percussion
French horn	<ul> <li>String</li> <li>Brass</li> <li>Woodwind</li> <li>Percussion</li> </ul>	Cello	String Brass Woodwind Percussion	Clarinet	String Brass Woodwind Percussion
Cor Anglais	<ul> <li>String</li> <li>Brass</li> <li>Woodwind</li> <li>Percussion</li> </ul>	Trombone	String Brass Woodwind Percussion	Saxophone	String Brass Woodwind Percussion
Viola	<ul> <li>String</li> <li>Brass</li> <li>Woodwind</li> <li>Percussion</li> </ul>	Castanets	String Brass Woodwind Percussion	Euphonium 🗌	String Brass Woodwind Percussion
Tuba	<ul> <li>String</li> <li>Brass</li> <li>Woodwind</li> <li>Percussion</li> </ul>	Violin	String Brass Woodwind Percussion	Snare drum	String Brass Woodwind Percussion
Xylophone	<ul> <li>String</li> <li>Brass</li> <li>Woodwind</li> <li>Percussion</li> </ul>	Flute	String Brass Woodwind Percussion	Gong	String Brass Woodwind Percussion



# **Woodwind Family**

Instruments which are blown into (wind) and which were often originally made of wood. Woodwinds can then be divided into two sub-families: <u>flutes</u>, where air is blown across a mouthpiece and <u>reed instruments</u> where air causes the reeds in a mouthpiece to vibrate..

Which of the following instruments are not woodwind instruments. Cross them out.

Recorder	Flute	Oboe
Guiro	Bassoon	Sansa
Cor anglais	Bagpipes	Piccolo
Saxophone	Lute	Harmonica
Krummhorn	Jew's harp	Clarinet

Make your own list of woodwind instruments.

Do some research to see if you can find some which are not on the above list.


Which woodwinds would you usually find in a symphony orchestra?



Worksheet 5

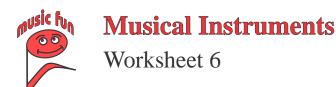
# Word Search

Find musical instruments reading across or down and draw circles around them.

In the list below tick the box next to each name as you find it then write the family to which it belongs.

n	0	0	S	S	а	b	r	Ο	V	а	S
r	I	Х	S	u	а		Ο	i	V	S	а
0	I	Ο	С	С	i	р	Ο	i	а		Х
h	е	k	е	t	U		f	b	С	а	Ο
h	С	I	а	r	i	n	е	t	а	b	р
С	Ο	r	а	n	g		а	i	S	m	h
n	t	r	Ο	m	b	0	n	е	t	У	Ο
e	g	t	r	U	m	р	е	t	а	С	n
r	Ο	Х	Ο	t	i	m	р	а	n	i	е
f	n	d	n	t	u	d	t	b	е	W	Ο
k	g	Х	Х	r	Ο	t	V	U	t	k	b
V	Ζ		d	р	Ζ	Х	r	t	0	V	0

flute	🗆 tuba
trumpet	
drum	saxophone
viola	□ oboe
	🗌 violin
french horn	🗌 timpani
cymbal	Cor anglais
	bassoon
piccolo	double bass
cello	gong



Name .....

# **Brass Family**

Brass instruments are usually made of brass but are sometimes made of other metals. Some instruments are made of brass or other metals but belong to the woodwind family.

Which of the following instruments do not belong to the family of brass instruments. Cross them out.

French horn	Trumpet	Cornet
Saxophone	Metallophone	Tuba
English horn	Trombone	Euphonium
Bugle	Guitar	Sousaphone
Oboe	Hunting horn	Cymbals

Make your own list of brass instruments.

Do some research to see if you can find some which are not on the above list.


Which brass instruments would you usually find in a symphony orchestra?

.....

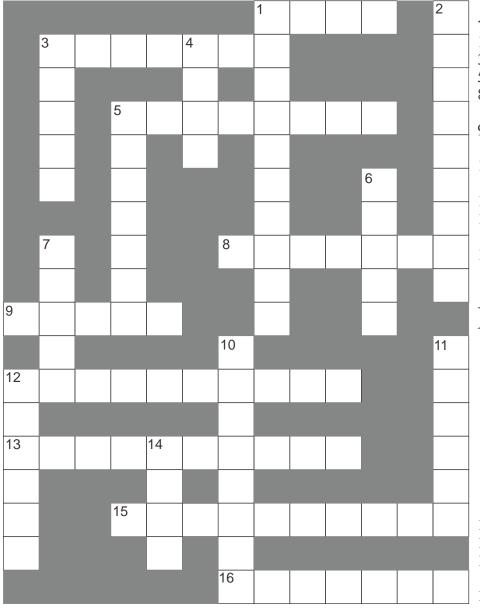


Worksheet 7

Name .....

# Crossword

The answers to the clues in this crossword puzzle are all names of musical instruments.



#### ACROSS

- 1. Percussion with stretched skin.
- 3. High pitched woodwind.
- 5. Brass instrument without valves.
- 8. Low pitched double reed woodwind.
- 9. Woodwind without reed, usually made of metal.
- 12. Mid-range double reed woodwind.
- 13. Common name for harmonica.
- 15. Brass instrument with valves, its tubing in circular coils.
- 16. Large deep percussion with stretched skin.

#### DOWN

- 1. Largest in the string family.
- 2. Single reed instrument made of brass.
- 3. Keyboard instrument.
- 4. Double reed woodwind instrument.
- 5. Brass instrument with valves.
- 6. Stringed instrument.
- 7. Stringed instrument which rests on the floor whilst being played.
- 10. Single reed woodwind.
- 11. Highest pitched in the string family.
- 12. Percussion instrument clashed together in pairs.
- 14. Instrument with many strings which is not played with a bow.



# **Percussion Family**

Instruments which need to be hit or shaken to make a sound are called percussion instruments.

Which of the following instruments are not percussion instruments. Cross them out.

Woodblocks	Marimba	Triangle
Guiro	Bassoon	Bells
Tambourine	Gong	Xylophone
Castanets	Timpani	Piano
Tuba	Bongo drums	Whip

Make your own list of percussion instruments.

Do some research to see if you can find some which are not on the above list.


Which percussion instruments would you usually find in a symphony orchestra?



Name .....

# **The Orchestra**

This is the typical layout of a symphony orchestra.

Fill in the blocks of instruments according to the family to which each belongs.

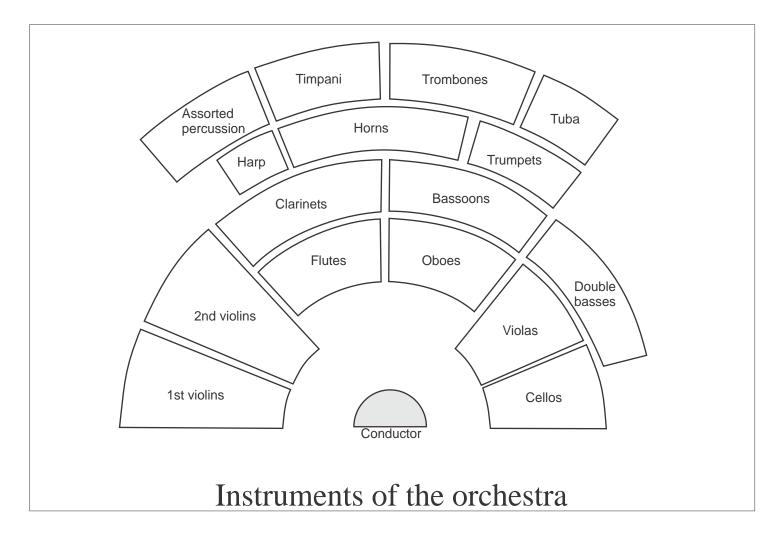
Use a different colour for each family as follows...

Blue for **Percussion** 

Yellow for **Brass** 

Green for **Woodwind** 

Red for **Strings** 





### **Facts about the Orchestra**

Use the terms in the column on the right to complete the details. Cross out the answers as you use them. Use each answer only once. You may need to use your dictionary.

1. The art of arranging music for an orchestra is called	Chamber Orchestra
	Instrumentation
2. An instrumental ensemble - or a number of instruments playing together - is called a	Orchestration
	Conductor
3. A small orchestra is called a	Symphony
	Polyphony
4. The person controlling the musical performance of the orchestra is called the	
5. The collection, or ensemble, of instruments chosen to play a particular composition is called the	
6. Voices played together, providing melodies, rhythms and musical texture supporting each other is called	
Research: Find the names of six famous orchestras.	





Worksheet 11

# Odd One Out

Circle the instrument name which does not belong to the same family as the others

1)	Trumpet	French horn	Piccolo	Tuba
2)	Timpani	Cello	Double bass	Viola
3)	Oboe	Castanets	Bassoon	Flute
4)	Snare drum	Cymbals	Xylophone	Cor anglais
5)	Trombone	Triangle	Tuba	French horn
6)	Saxophone	Harp	Violin	Double bass
7)	Bassoon	Clarinet	Timpani	Oboe
8)	Bass drum	Bass clarinet	Gong	Claves
9)	Tuba	Euphonium	Tenor horn	Cello
10)	Guitar	Accordion	Mandolin	Viola



Name .....

## AEROPHONES

Any instrument, if the sound is produced by means of moving air, is an aerophone. There are lots of different kinds of aerophones including all wind instruments. However, the term aerophone is not limited to wind instruments. A whip produces sound by means of moving air. It is an aerophone but not a wind instrument. A siren is also an aerophone but not a wind instrument.

Here is a collection of aerophones. We have scrambled the letters. See if you can unscramble them and identify the instruments. The instruments used are included in those listed on the bottom of this page.

Groan	 Rorredec	
Lufte	 Moonbert	
Swithel	 Pagebips	
Mirohuman	 Rinse	
Phiw	 Bulge	
Corondiac	 Pup-nog	
Baru-roller	 Tronce	
Shupoonaes	 Aircoan	
Maranochi	 Pippena	
Trincale	 Sosonba	
Poxashone	 Murpett	
Morchurn	 Chrornfhen	

Ocarina	Tuba	Clarinet	Recorder	Alpine horn	Bagpipes	Pop-gun	Saxophone
Rackett	Siren	Bassoon	Panpipe	Bull-roarer	Organ	Crumhorn	Serpent
Whistle	Whip	Trombone	Ophicleide	Harmonium	Flute	French horn	Posthorn
Cornet	Bugle	Piccolo	Sousaphone	Harmonica	Trumpet	Shawm	Accordion



Worksheet 13

# **Scrambled Letters**

Unscramble the letters of these musical instruments

PUTREMT	NARGTILE
RENTLICA	MORTONEB
SABONOS	RERUMSAND
LIVION	LOCEL
EB00	SLEDABUBOS
POLYHOXEN	MASCBLY
LONGARCISA	BAUT
ULEFT	MAPINIT
	PHAR
LAIVO	FRONTIOPAE



Name .....

## **Reed Instruments**

Many wind instruments depend on a thin, flexible sheet called a reed to produce a musical sound. Reeds used to be always made of cane. These days they can also be made of other materials such as plastic, metal and wood.

Instruments can single-reed, double-reed or free-reed.

Air flow causes the reed to vibrate. The reed in a single-reed instrument vibrates against another surface. The reeds in a double-reed instrument vibrate against each other. A free reed vibrates within its own space. Use your library to determine whether the following instruments are reed instruments and whether they are single-reed, double-reed or free-reed instruments.

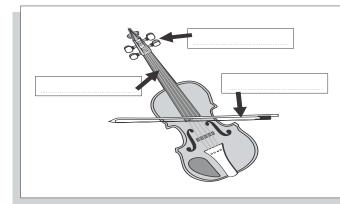
	yes / no	single / double / free reed
Bagpipes		
Bassoon		
Cor anglais		
Piccolo		
Crumhorn		
Oboe		
Saxophone		
Clarinet		
Harmonica		
Flute		
Accordion		
Shawm		

Which reed instruments would you usually expect to find in a symphony orchestra?





# **Instrument Details**



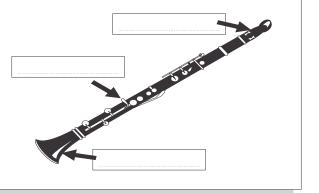
1) Name this instrument.

2) To which orchestral family does it belong?

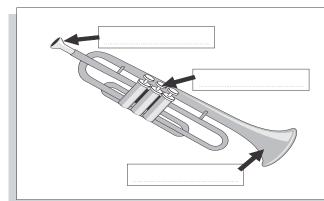
3) How is a musical sound produced on it?

4) Label some of its parts (as indicated).

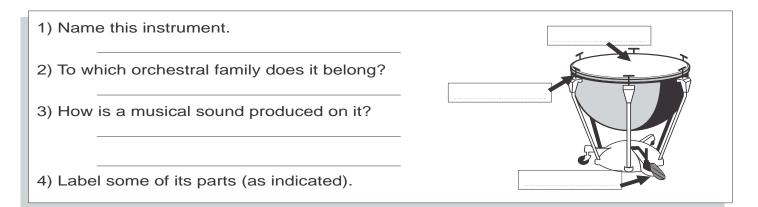
- 1) Name this instrument.
- 2) To which orchestral family does it belong?
- 3) How is a musical sound produced on it?



4) Label some of its parts (as indicated).



- 1) Name this instrument.
- 2) To which orchestral family does it belong?
- 3) How is a musical sound produced on it?
- 4) Label some of its parts (as indicated).





Worksheet 16

## Membranophones

Any instrument, if the sound is produced by means of a vibrating membrane, or skin, is a membranophone.

Most drums are membranophones - and there are lots of different types of drums. We have listed some of the properties of various types of membranophones. See if you can label them correctly from the following group of instruments:

Friction drum	Timpani	Bass drum	Conga drum	Tambourine			
Kazoo	Bongo drums	Tambour	Kettle drum	Snare drum			
		with wet fing	The membrane of this drum is rubbed with wet fingers or a stick. The Dutch Rommelpot is one of these.				
				across the lower head.			
		Shallow dru	hand, played with m of a small size irs of metal disks a				
		Can be tuned	wo of the above na d and is used in the ed in pairs or sets	e orchestra.			
		They come f Are played i The players		d fingers to play.			
		-	e with a hole cover sound of a person	red by a membrane. 's voice.			



Name .....

# Quick Quiz

Name three instruments in the string family

Worksheet 17

Name three instruments in the woodwind family

Name three instruments in the brass family

Name three instruments in the percussion family

How is a musical sound made on a flute?

How is a musical sound made on a tuba?

How is the pitch changed on a clarinet?

How is a musical sound made on a trombone?

How is the pitch changed on a trombone?

Name two ways by which musical sounds can be made on a violin

Name two ways by which the pitch is changed on a trumpet

To which family does the cor anglais belong?
Name a woodwind instrument that is made of metal
Name one family of instruments usually found at the front of the orchestra
Name the lowest pitched brass instrument



#### **Choose an Owner**

Where would these instruments be used? Who would use them? Draw lines to match up the musical instrument to its appropriate user. There could be several correct answers, but each instrument must match up to an owner.

Rock n Roll group	Shaker
Dixieland Jazz Band	Castanets
African musician	Pan pipes
Latin-American group	Koto
Spanish musician	Banjo
Japanese music	Electric guitar
Church choir	Synthesizer
Space movie music	Washboard
Opera singer	Organ
Skiffle Band	Fiddle
Symphony orchestra	Soprano voice
Irish band	Saxophone
Country music	Lute
Dance band	Cello
Turkish players	Harmonica



Worksheet 19

# What Instrument Am I?

I belong to the string family.	I am a woodwind instrument.
I am held between the knees.	I am held crosswise.
My lowest tone is one octave lower than the	My sound is produced by blowing against the
viola's lowest tone.	edge of a hole near one end of me.
I belong to the brass family.	I am a woodwind instrument.
I have a mouthpiece and bell but no valves.	I play bright, lively melodies.
I am twice as long as a trumpet and can	I look like a flute but am only half the size
slide from tone to tone.	and I sound an octave higher.
We belong to the percussion family.	I am a double-reed woodwind instrument.
We can be tuned and produce musical	I have the highest voice of the reed
tones.	instruments.
We are always referred to in the plural;	I can be made from wood, plastic or metal and
there are always at least two of us used.	have three main sections apart from my reed.
I am a percussion and a stringed instrument. I have a range of more than seven octaves. My sound is made by small hammers hitting my strings.	I am a brass instrument. I have a mouthpiece, valves, crooks and a bell. I have the highest voice of all the instruments in the brass family.
I am a bass, pitched brass instrument.	I am a double-reed woodwind instrument.
I do not have a slide.	My reed is joined to me by a long metal tube.
I have the longest tube, deepest voice and	I usually play the bass parts in my family, but
widest bell of all the brass instruments.	can also play beautiful melodies.





Name .....

## Name the Instrument

Draw lines joining the instruments to their names.









Metallophone

Triangle

Harmonica

Oboe

Vibraphone

Tambourine

Bassoon

French horn

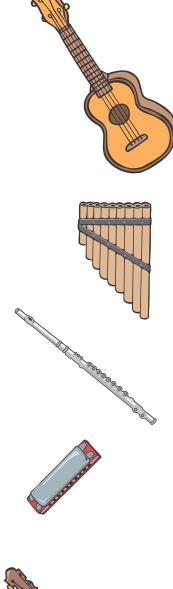
Bugle

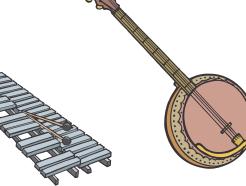
Flute

Banjo

Panpipes

Ukulele







## **Percussion Instruments**

Percussion instruments are instruments which make a sound when they are hit or shaken. They can be divided into two categories. Those that can be tuned are said to have **definite pitch** and those that cannot be tuned have **indefinite pitch**.

See if you can place these instruments into their proper categories.

xylophone	cowbells	triangle	guiro
bass drum	tubular bells	vibraphone	whip
timpani	castanets	marimba	metallophone
maracas	claves	tambourine	glockenspiel
cymbals	wood block	gong	snare drum

Tuned Percussion

Untuned Percussion





Worksheet 22

#### WORDSEARCH

This is a little tricky! Hidden in this word search are the names of instruments fitting the descriptions given below.



	1
Played with a bow, has 4 strings	Russian lute
Geometric shape, percussion	Very deep sounding horn
Double reed, deep voice	Also called a mouth organ
Single reed, used in jazz	String instrument, plucked
Has black keys and white keys	Small flute
Woodwind, often made of silver	Hindu lute
Has valves and lots of tubing	Brass instrument with slide
Also called kettle drums	Scottish aerophones
Metal concussion instruments	Small drum with metal discs



Worksheet 23

## **Tick the correct answers**

Piccolo is really:	<ul> <li>a type of recorder</li> <li>a half size flute</li> <li>used to play a guitar</li> </ul>	A tuba has:	<ul><li>valves, bell, crooks</li><li>slide, bell, mouthpiece</li><li>reed, bell, keys</li></ul>
Cor anglais is:	<ul> <li>the English horn</li> <li>the conductor's baton</li> <li>a string instrument</li> </ul>	Timpani are:	<ul><li>the smallest woodwinds</li><li>little bells</li><li>percussion instruments</li></ul>
Violins have:	<ul> <li>six strings</li> <li>three strings</li> <li>four strings</li> </ul>	The trombone is:	a percussion instrument a brass instrument usually made of wood
A flute is a:	<ul> <li>woodwind instrument</li> <li>brass instrument</li> <li>type of drumstick</li> </ul>	A xylophone is a:	tuned percussion untuned percussion keyboard instrument
The oboe is:	<ul> <li>used for playing drums</li> <li>a double-reed instrument</li> <li>part of a trombone</li> </ul>	A trumpet has a:	<ul><li>higher voice than a tuba</li><li>lower voice than a tuba</li><li>keyboard instrument</li></ul>
The French horn:	is a large English horn is a low voice woodwind is brass and has valves	A bassoon is a:	low sounding violin double-reed woodwind type of cymbal
The cello is:	<ul> <li>held under the chin</li> <li>made of brass</li> <li>held between the knees</li> </ul>	The clarinet has:	a mouthpiece, bell, keys slide, bell, crooks valves, pistons, bell
A bass drum is:	<ul> <li>untuned percussion</li> <li>tuned percussion</li> <li>not percussion</li> </ul>	Cymbals are:	made of silver made of brass made of steel
The viola is:	<ul> <li>held under the chin</li> <li>played standing up</li> <li>held between the knees</li> </ul>	Snare drums are:	small timpani part of a xylophone metallic sounding drums



#### Wind Instruments

Note: Woodwind instruments are not always made of wood. The term covers instruments which belong to the families of the bassoon, clarinet, flute and oboe. The flute, which is not made of wood, is termed a woodwind. The saxophone, when it is used in the orchestra, is also called a woodwind.

**Bass clarinet Bagpipes Baritone** Bassoon Bugle Clarinet Contrabassoon Cor anglais (English horn) Cornet Crumhorn Didgeridoo Euphonium Flageolet Fl<sup>⊕</sup>gel horn Flute French horn Harmonica Hornpipe Oboe Ocarina Ophicleide **Panpipes** Piccolo Rackett Recorder Reedpipe Sarusophone Saxophone Serpent Soprano saxophone Sousaphone Shawm Tarogato Trombone Trumpet Tuba Whistle

#### **Stringed Instruments**

Balalaika Banjo Cello Chitarrone Cittern Double bass Dulcimer Electric guitar Guitar Harp Hawaiian Guitar Hurdy-gurdy Kit Lute Lyre Mandolin Sitar Theorbo Ukulele Vina Violin Viola Zither **Keyboard Instruments** Piano Harpsichord Celesta Clavichord Pipe Organ Theatre organ Synthesizer **Other Instruments** Accordion Bull roarer Cimbalon Concertina Dulcimer Jews Harp Rommelpot Sansa Zambomba

#### LIST

#### Percussion Instruments (also Concussion Instr)

Anvil **Bamboo** chimes Bass drum **Bell** chimes Bongo drums Castanets Chains Chimes Claves Conga drum Cowbells **Cymbals** Glass chimes Glockenspiel Gong Guiro Hand bells High hat Maracas Marimba Metallophone Rattle Shekeree Sleigh bells Slit drum Snare drum Steel drum Tambour Tambourine Temple blocks Timbales Timpani Tom tom Triangle Tubular bells Vibraphone Washboard Whip Woodblock **Xylophone**