

Solutions des jeux

p. 4 • 1. Bass cornett E.149 • 2. Cittern D.MR.R.434 • 3. Tortoise guitar E.28 • 4. English horn E.584 •

p. 5 • The archlute E.1028 has 28 strings arranged in courses (or pairs) of two strings •

p. 8 • The 5 differences are: the shape of the sound holes (the openings on the body), the shape of the body, the number of strings, the carved head on the viol, the frets on the neck of the viol. • 1. The violin E.999.231 • 2. Treble Viol E.1435 •

p. 10-11 • Pegasus, cello, tambourine, lance, rocks, helmet, red = plucked! •

p. 14-15 • 1. a. spruce • 2. Tools d. and f. : plane and gouge • 4. d. wood varnish •

p. 16 • A BAD DEED • FADED BAGGAGE • FAB DECADE •

p. 17 • 1. Mr Sax's saxophone E.1890 • 2. Mr Sudre's sudrophone E.983.5.1 • 3. Mr Sax's saxotromba
E. 1683 • 4. Mr Sax's saxhorn E.0707 • 5. Mr Sarrus' sarrusophone E.1013 • 6. Mr Sax's trumpet D.0706

p. 18 • 1. Sirens E.995.28.1 or 2. • 2. Whip E.995.28.15 • 3. Anvils E.995.28.16 or 17 • 4. Castagnets D.MRF.37 •

p. 20-21 • 1. Lawle bell and hammer E.2000.14.1. (Ivory Coast) • 2. Kundi harp E.996.32.1 (Congo) •
3. Kettledrum E.2000.8.1 (Ghana) • 4. Side-blown trumpet E.2001.7.2 (Cameroon) • 5. Kankobele
lamellaphone E.996.22.2 (Congo) • 6. Darabukka drum E.0945 (Algeria) • 7. Guinbri lute E.2274 (Algeria)
• 8. Beganna lyre E.969.7.2 (Ethiopia) •

p. 23 ° 1. Duct flute E.1219 ° 2. Kamanche spiked fiddle E. 1750 ° 3. Bossed gong E.2000.11.1 ° 4. Piphat mon percussion orchestra: Khong monn lek metallophone E.2005.7.17 °

Photo credits Cité de la Musique – Jean-Marc Anglès: p. 5-8-11-12-20-22-23 Jean-Claude Billing; p. 6-8-9-12-14 Mabil Boutros: p. 12-5-6-12 Thierty Ollivier: p. 6-12-17-20

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Activities for children are available all year round: guided tours, music workshops, children's concerts

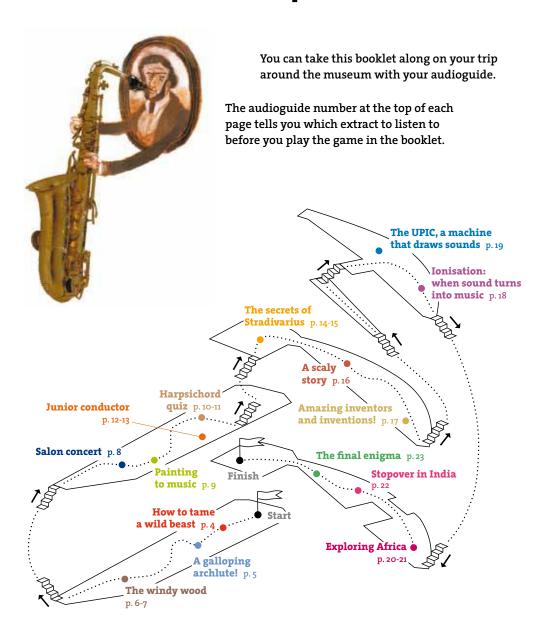
The museum is open from Tuesday to Saturday from 12 am to 6 pm, and Sunday from 12 am to 6 pm, and Sunday from 12 am to 6 pm.

Metro line 5, Porte de Pantin metro station Information and reservations : 01 44 84 44 84

221, avenue Jean-Jaurés 75019 Paris www.citedelamusique.fr

Cité de la musique - Musée de la musique

Welcome to the Musée de la musique





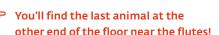
How to tame a wild beast

Did you know that music can have magical powers? It is said that long ago there once lived a musician named Orpheus who sang so beautifully that his voice could tame wild animals!

Watch out! The curator has just discovered that four wild animals have escaped from the Orfeo showcase. Luckily, he's described them very accurately.



- A terrifying dragon with a curving snaky body, wide open jaws and pointed horns
- 2 A little devil with curly horns and red lips and a woman's head coming out of his mouth!
- **3** A **gigantic tortoise** with shiny scales
- O A black duck with lots of sharp white teeth



A galloping archlute!

Take a close look at the instruments made by the Sellas lutemakers. They're very sophisticated and magnificently decorated. On the neck of one of the archlutes, you'll find this rider whose horse stopped in mid-gallop over 370 years ago!



Bring the picture to life by painting it in bright colours.

The archlute is a lute with extra strings that are longer and make a deeper sound.

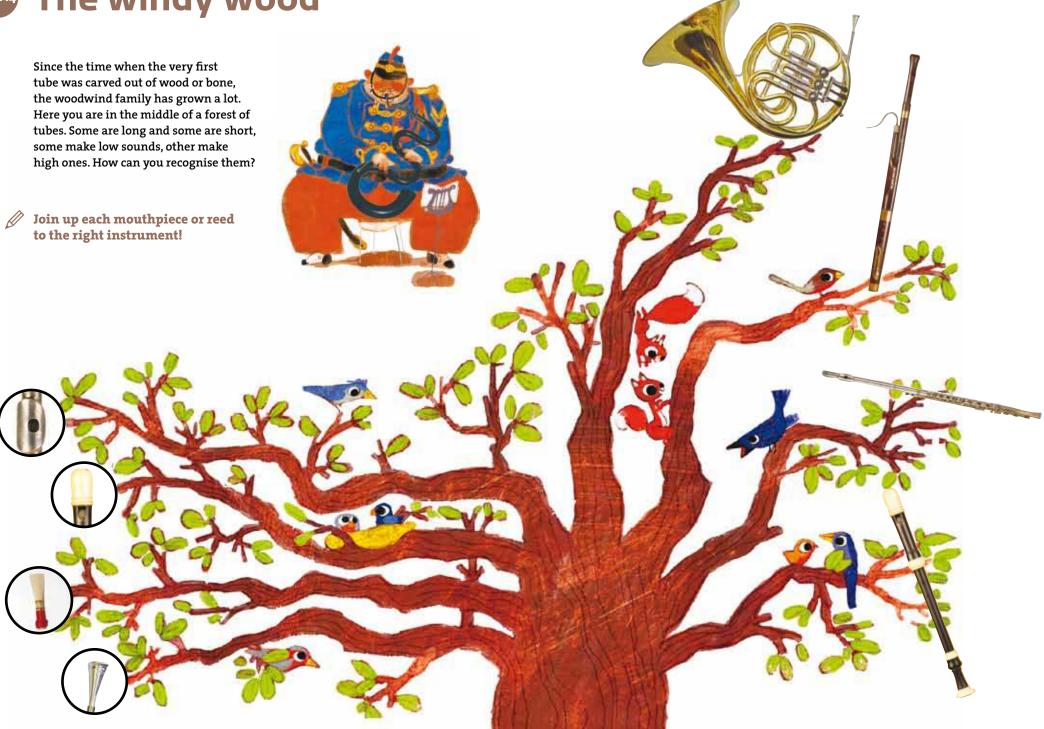


To find the right answer, look at the pegs which the strings are attached to.









Monsieur de La Pouplinière is holding a concert in the magnificent salon in his home. But tonight there's a problem: by mistake two of the musicians have mixed up their instruments and they're not sure which is which!

To help them out, can you spot 5 differences between the two instruments?

| 0 | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | |





Painting to music



Find the harpsichord made by Antoine Vater. It's not as shiny as the other instruments but there's a secret hidden inside... Under the strings on the harmonic table you'll discover a beautiful painting.



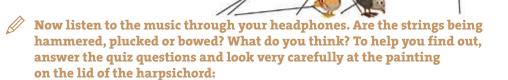
The curator took a black-and-white photo of the soundboard: can you restore it to its original colours?





Harpsichord quiz

Can you find the harpsichord made in 1646 by Andreas Ruckers and then transformed in 1780 by Pascal Taskin? It's not just beautiful to look at: this harpsichord can still be played today!



| What is the name of the flying winged horse? | 0 |
|--|----------|
| Which instrument is the woman playing at the front right of the picture? | 2 |
| Spot the only percussion instrument | 3 |
| A weapon held by a man in a red cape | 4 |
| What are the musicians sitting on? | 5 |
| What is the soldier wearing on his head? | 6 |
| What colour is the cellist's dress | 2 |
| | |



Junior conductor

After Mozart, orchestras began to include more and more musicians, and sometimes there are over 100 players! It's not always easy to spot all the different musicians...





conductor



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The secrets of Stradivarius

Lucky you! Stradivarius, the famous lutemaker, has hired you as an apprentice in his workshop and you're going to help him make a violin for the King of Spain, Philip V.

Step 1: choose the right wood to create the soundboard.

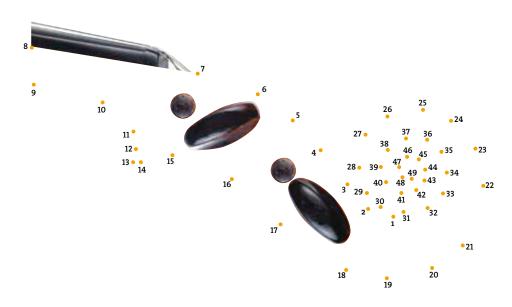




Step 2: choose the two tools you need to carve the soundboard.



Step 3: join up the dots to reveal the mystery drawing.



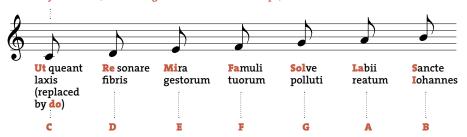
Step 4: which of these products will protect the wood and make it a beautiful colour?



A scaly story

Did you know that in France, the notes of music in the scale come from a Latin hymn?

Which means: "So that your servants may, with loosened voices, resound the wonders of your deeds, clean the guilt from our stained lips, O Saint John."



In some countries, notes are written in the letters of the alphabet.



Amazing inventors and inventions!

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In the 19th century, three imaginative inventors Mr Sax, Mr Sudre and Mr Sarrus designed new instruments with some incredible shapes!



Ionisation, when sound turns into music

To play his work *Ionisation*, the composer Edgard Varèse used some instruments that are also everyday objects. Listen carefully to number 036!



In the Museum showcase, find the object-instrument you need for each of the professions pictured below and write down its name!













3

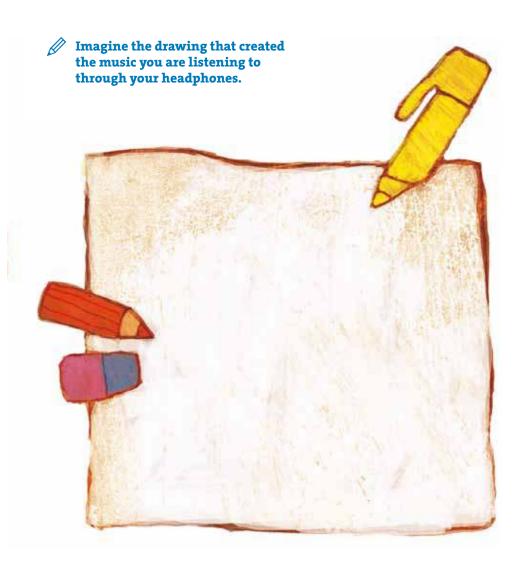


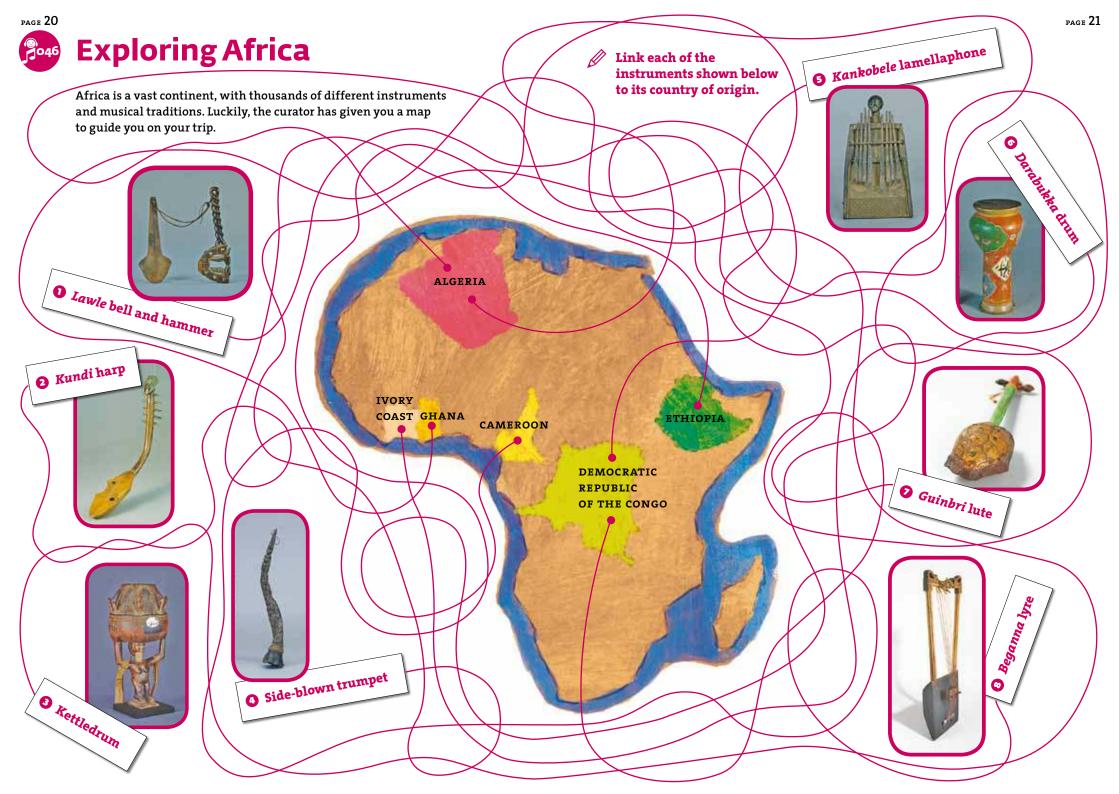
The UPIC, a machine that draws sounds



The composer Iannis Xenakis was also an architect.

He invented this strange machine called the UPIC. It uses a drawing as a musical instrument. But what does a sound look like?





Stopover in India

This instrument is called a tanpura and on it you can see several gods, heroes and characters from Hinduism, a religion which is much practised in India.



The museum curator is counting on you to find each of these names in the puzzle below!

| С | О | w | М | О | Α | P | N | K |
|---|---|---|---|---|---|---|---|---|
| Т | U | R | U | М | E | E | v | R |
| О | S | v | S | Y | L | Α | Н | I |
| v | I | S | Н | N | U | С | A | S |
| K | Т | A | I | E | М | О | С | Н |
| S | Α | S | К | O | v | С | Y | N |
| R | Α | M | A | Х | R | К | М | Α |
| G | Α | N | E | S | Н | I | v | Α |

GANESH – a God with the head of an elephant MUSHIKA – the rat PEACOCK cow – a sacred animal

RAMA – the hero SITA – his wife vishnu – a god **KRISHNA** – a god SHIVA - a god

The final enigma



A wise old Chinese man wrote this riddle in the visitor's book at the Museum. Can you solve it? Find the four instruments described in the story.



A round drum like the moon is shining with a thousand stars

A little bird is watching three dragons biting their tails

Diamonds, gold and precious stones adorn the Gong goddess's robe



1 Look very closely at the tiny details...





You are now at the end of your expedition.

Fill in the curator's certificate on page 3: you are now able to take care of the Musée de la musique's collections!