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# Museums, Monuments and Sites

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## Lisboa Region

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### Lisboa

#### **Pavilhão do Conhecimento - Ciência Viva**

**Address:** Parque das Nações - Alameda dos Oceanos,  
Lote 2.10.01 1990-223 Lisboa  
**Telephone:** +351 21 891 71 00 **Fax:** +351 21 891 71 71  
**E-mail:** [info@pavconhecimento.pt](mailto:info@pavconhecimento.pt) **Website:**  
<http://www.pavconhecimento.pt>

#### **Timetable:**

Tuesday-Friday: 10 a.m.- 6 p.m.; Saturdays, Sundays and Public holidays: 11a.m. - 7p.m.;  
Closed: Mondays, 1 January, 24, 25 and 31 December.;

#### **Accessibility:**

field\_ma\_acesso\_para\_deficientes;

#### **Characteristics and Services:**

Shops;

The Pavilion of Knowledge - Living Science is an interactive museum that was created with the goal of fostering knowledge and disseminating technological and scientific culture. To achieve this goal, various exhibitions and activities have been set up so that visitors can actively explore a variety of themes in a relaxing and fun atmosphere.

The building which houses the museum was designed by architect João Luís Carrilho da Graça to be used as the Knowledge of the Seas Pavilion at the 1998 Lisbon World Exposition (Expo '98) and it was one of the most-visited venues at the event. This work resulted in Carrilho da Graça winning the Grand Jury Prize at the 1999 FAD awards in Barcelona, in recognition of the high standard of his architectural design that combined simplicity and complexity in a single space.

In the words of the architect himself, the Pavilion's overall design, which he describes as megalithic, results from the combination of two structures, one vertical and the other horizontal. However, while the vertical component rests directly on the ground, the horizontal one does not. From a tectonic point of view, shape and construction are combined to produce a building that also signifies permanence, which has always been one of the basic concepts of architecture.

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# Science and Knowledge

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## Alentejo

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### Estremoz

#### Centro Ciência Viva de Estremoz

**Address:** Espaço Ciência - Convento das Maltezas 7100-513 Estremoz

**Telephone:** +351 268 334 285 **Fax:** +351 268 339 048

**E-mail:** [ccvestremoz@uevora.pt](mailto:ccvestremoz@uevora.pt) **Website:**

<http://www.estremoz.cienciaviva.pt>

#### Timetable:

From Tuesday to Sunday: 10am-6pm.

Closed: Mondays and holidays.;

#### Welcome to the Centre for Live Science of Estremoz

##### What is a Centre for Live Science?

It is a place where Science and Technology break the walls of laboratories, coming in direction to the visitor. A place where it is possible to interact with the exposition; to touch, experiment, play and discover are a must through the entire visit.

##### Who we are?

At the Centre for Live Science of Estremoz you will discover how the place where we all live works... Earth. An amazing planet where all phenomenon are connected.

##### A little bit of History...

If Science is now mainly produced mainly in Universities and research labs, there were times where Convents were not only places of worship but also temples of knowledge. Why not reuse these ancient buildings adapting them to new demands? On the 15th century when the Maltezas' Convent begun being built it would be impossible to predict that it would be the home for the Centre for Live Science of Estremoz on the turn of the 21st century.

##### Our materials...

- **A system called Earth.** What makes it so special? How was it created? How did it evolve? Where is it going?
- **Re-educate the senses;** Are our senses prepared to understand most of the geological processes?
- **The Earth in the Universe;** To know our Planet. The Earth within your reach. Discover its secrets.
- **External energies;** The sun is not just for tanning. Floods, droughts, glaciations, but also limestone, clays and... as might be expected, Life.
- **Internal energies;** The Earth's heart. Earthquakes, volcanoes... simple catastrophes or the pulsation of a dynamic Earth?
- **Rovin of the Sea (Rovin dos Mares);** a journey to the ocean deep... How to dive into the oceans' secrets?
- **Marbles;** Why there are marbles in Alentejo? How are those rocks created? How can we explore them and what are they for?
- **Evolution;** Answer to a changing planet... From DNA molecules to the evolution of life on Earth.

**From exhibits to field trips, including laboratory activities; different ways of exploring CCV Estremoz in one unique visit.**

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## Grândola

### **Centro Ciência Viva do Lousal - Mina de Ciência**

**Address: Avenida Frédéric Velge - Lousal7570-006**

**Lousal**

**Telephone: + 351 269 750 520 / 522 Fax: + 351 269 508 160**

**E-mail: [info@lousalcienciaviva.pt](mailto:info@lousalcienciaviva.pt) Website:**

**<http://www.lousal.cienciaviva.pt>**

**Timetable:**

10 a.m.-6 p.m.;

Closed on Mondays.;

**Characteristics and Services:**

Bar;

The Centre has been set up in a building that was associated with mining activity in the past and where the Geology Office, the Oil Storage Room, the Time-keeping Room, the Lantern Room, the Working Equipment Room and the Bathhouse were located.

The Mining complex of Lousal was active between 1934 and 1992, and after some years of inactivity, it reopened to play a role only in the context of industrial archeology - the building was adapted in order to function as a space for the dissemination of scientific and technological culture and today it offers a variety of functions: exhibition areas, interactive exhibits, a virtual mine, a laboratory, a cybercafé, an auditorium, recreational spaces and a viewpoint.

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## Algarve

### **Faro**

#### **Centro de Ciência Viva do Algarve**

**Address: Rua Comandante Francisco Manuel 8000-250**

**Faro**

**Telephone: +351 289 890 920 Fax: +351 289 890 929**

**E-mail: [info@ccvalg.pt](mailto:info@ccvalg.pt) Website: <http://www.ccvalg.pt>**

**Timetable:**

1 July / 15 September: 2pm - 10pm (from Tuesday to Sunday and public holidays);

16 September / 30 June: 10am - 5pm (from Tuesday to Friday);

11am - 6pm (Saturday, Sunday and public holidays);

Closed: Monday, 1 January, 1 May and 24, 25 and 31 December;

**Characteristics and Services:**

Shops;

**Accessibility:**

field\_ma\_acesso\_para\_deficientes;

With the Ria Formosa and the Atlantic Ocean so close at hand, the Living Science Centre of the Algarve features an exhibition devoted to the sea. How old are the bottoms of today's oceans? Why does the earth shake? What colour is the sea and why is it salty? How are waves formed? Is coral an animal, a plant or a mineral? These are just a few of the many questions you will find the answers to as you accompany "Sal and his friends" on an educational adventure to learn about the nature and biodiversity of the sea.

And at the very heart of the exhibition area, visitors can also

take advantage of the Cyber Café to surf the net for information while observing the inhabitants of the neighbouring coral aquarium. There is also a multipurpose area with lots of scientific goings-on and which can be used as a workshop, laboratory or a venue for birthday parties. Here you can experiment with the magic of electricity, "unravel" DNA, cook with solar energy, follow the paths of light, investigate the world with a magnifying glass or live the adventure of the senses, among many other activities.

The centre also features a greenhouse laboratory, a roof terrace where astronomy activities are held regularly and an additional space that can be used for talks or small exhibitions.

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## Azores

### Ilha do Pico

#### **Centro de Artes e de Ciências do Mar**

**Address:** Rua do Castelo 9930-138 Lajes do Pico

**Telephone:** +351 292 679 330 **Fax:** +351 292 679 337

**E-mail:** [cacm\\_sibil@sapo.pt](mailto:cacm_sibil@sapo.pt) **Website:** <http://cm-lajesdopic.o.pt/equipamentos/centro-de-artes-e-de-ciencias-do-mar>

#### **Timetable:**

Monday-Sunday: 10 a.m.-6p.m.;

Public holidays: 10a.m.-12.30p.m. /1.30 p.m. -6p.m.;

#### **Characteristics and Services:**

Shops; Bar;

#### **Accessibility:**

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The Centre is housed in the old SIBIL whale factory, an industrial plant dedicated to the processing of these large sea mammals into oils and flours. It fell into disuse in the early 1980s, but between 2005 and 2007 the SIBIL building was restored by the Municipal Council of Lajes do Pico.

In this current phase of the Centre's existence, visitors can see a permanent exhibition of the factory equipment, as well as multimedia exhibitions about the factory and the biology and ecology of the large cetaceans. The Centre also hosts a range of different artistic and cultural events and provides some exciting educational activities for visitors. It is open to the public every day and is equipped with a shop, bar and open-air leisure area. In its second phase, a Marine Sciences Centre will also be opened, geared towards applied research and enjoying the academic support of the University of the Azores.

Owned by the Municipal Council of Lajes do Pico, the Centre is managed by CULTURPICO, a Municipal Company.

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## Centro de Portugal

## Coimbra

### Museu da Ciência - Universidade de Coimbra

**Address:** Laboratório Chimico Largo Marquês de Pombal 3000-272 Coimbra  
**Telephone:** + 351 239 85 43 50 **Fax:** +351 239 85 43 59  
**E-mail:** geral@museudaciencia.org **Website:** <http://www.museudaciencia.org>

## Lisboa Region

### Lisboa

#### Museu Nacional de História Natural e da Ciência

**Address:** Rua da Escola Politécnica, 56-581250-102 Lisboa  
**Telephone:** +351 21 392 18 08  
**E-mail:** geral@museus.ulisboa.pt **Website:** <http://www.museus.ulisboa.pt>

#### Timetable:

Tuesday-Friday: 10a.m.-5p.m.;  
Saturday and Sunday: 11a.m.-6p.m.;  
Closed: Mondays and public holidays.;

#### Characteristics and Services:

Shops; Bar;

#### Access:

Buses; Underground;

#### Payments:

Credit cards accepted;

#### Accessibility:

Disabled access; Accessible route to the entrance: Partial;  
Accessible entrance: Partial; Reception area suitable for people with special needs; Accessible circulation inside: Partial;  
Accessible areas/services: Shop, Bar/Café, Toilets; Care skills: Visual impairment, Hearing impairment, Motor disability, Mental disability;

The Museu Nacional de História Natural e da Ciência (MUHNAC), University of Lisbon, is a centre of education, science and culture in the heart of Lisbon.

Although its location hosts teaching institutions since the early 17th century, the Museum has its origins in the Royal Museum and Botanical Garden of Ajuda, created in the 18th century. MUHNAC is loaded with science and history. Among its highlights are the Botanical Garden, the Laboratório Chimico and its beautiful amphitheatre, the Astronomical Observatory and the former Riding Hall of the Colégio dos Nobres. The Museum includes also the Lisbon Astronomical Observatory, located in Tapada da Ajuda.

Apart from exhibitions, visitors can enjoy a diversified programme of activities aiming at stimulating curiosity and understanding about Nature and Science, as well as bringing the University of Lisbon closer to society.

#### Planetário Calouste Gulbenkian - Centro de Ciência Viva

**Address:** Praça do Império 1400-206 Lisboa  
**Telephone:** +351 21 362 00 02 / 912 000 949 **Fax:** +351 21 363 60 05

#### Parque Ecológico de Monsanto

**Address:** Estrada do Barcal - Monte das Perdizes 1500-068 Lisboa  
**Telephone:** +351 217 710 870 **Fax:** +351 217 710 873  
**E-mail:** dmaev.dm@cm-lisboa.pt **Website:** <http://www.cm-lisboa.pt/en/living-in/environment/monsanto-forest-park>

#### Timetable:

Winter: From Tuesday to Saturday: 9.30am - 5pm; Sunday: 2pm - 5pm  
Summer: From Tuesday to Saturday: 9.30am - 6pm; Sunday: 2pm - 6pm  
Closed: Mondays;

It is the largest green space in the heart of Lisboa, almost 1000 hectares of woodland. Integrated in the park the Lisboa Camping offers visitors two multi-sports areas, a mini-golf course, two tennis courts, a swimming-pool area with solarium and terrace, a common room and an amphitheatre.

In the park we can find the Espaço Monsanto Interpretation Centre, where it is possible to learn about the park in the permanent exhibition. There is also a medium-sized auditorium, a small amphitheatre, car park and a small picnic area.

Monsanto also includes the Alto da Serafina Urban Park, the Calhau Urban Park, a perfect place for a stroll, the São Domingos de Benfica Woodland, the Alvito Play-Ground, the Moinhos de Santana Urban Park and the Quinta da Fonte.

#### Quinta Pedagógica dos Olivais

**Address:** Rua Cidade do Lobito - Olivais Sul 1800-088 Lisboa  
**Telephone:** +351 21 855 09 30 **Fax:** +351 21 855 09 48  
**E-mail:** quinta.pedagogica@cm-lisboa.pt **Website:** <http://quintapedagogica.cm-lisboa.pt/>

#### Timetable:

October / April: From Tuesday to Friday: 9am- 5.30pm; Saturday, Sunday and public holidays: 10am - 5.30pm  
May / September: From Tuesday to Friday: 9am- 7pm; Saturday, Sunday and public holidays: 10am - 7pm  
Closed: Monday, 1st January, Easter Sunday, 1st May and 25th December;

Olivais pedagogical farm is the ideal place for children from the city to come into contact with traditional rural activities and observe countryside animals.

**E-mail:** [planetario@marinha.pt](mailto:planetario@marinha.pt) **Website:**  
<http://planetario.online.pt>

**Timetable:**

- Thursdays at 4 pm, Saturdays and Sundays at 3 pm: sessions for the general public last for 30 minutes and are available in Portuguese, Spanish, French and English.
- Saturdays at 4 pm and Sundays at 11.30 am: sessions in Portuguese for children over 5 years of age.
- Sundays at 4 pm: sessions on "O Céu de Portugal" (The Sky in Portugal) lasting for 50 minutes;

**Characteristics and Services:**

Bar;

**Accessibility:**

field\_ma\_acesso\_para\_deficientes;

Situated in Belém next to the Museu de Marinha (Maritime Museum) and the Mosteiro dos Jerónimos, the Calouste Gulbenkian Planetarium was opened in 1965 and holds regular information sessions, with projections that help the general public to develop an understanding of astronomy.

Recently redesigned, the Planetarium has the most modern equipment including a central sphere with 32 projectors of fixed stars. This makes it possible to present more than 9,000 stars in both of the celestial hemispheres, as well as the Milky Way, star clusters and nebulae. Also shown are the figures that are drawn by the constellations, and there are a number of auxiliary educational features.

Amongst other events, there are regular sessions given in various languages, special exhibitions for younger audiences and presentations related with certain periods of the year.

Other services provided in this building include a Library with roughly a thousand different volumes and the Commander Conceição Silva Observatory, equipped with the most modern facilities, which can be used by amateur astronomers.

Other activities include embroidery, bread- and cake-making, production of cheese and butter, working with clay in the pottery workshop, tending the vegetable garden or planting cabbages. At the pedagogical farm it's possible to see everything related to life in the country. Of course, walks through the farm are always animated by the presence of familiar friends, such as ducks, chickens, sheep, goats, pigs, donkeys and cows amongst others.

During week days, the farm primarily receives school groups, while at the weekends it is mainly visited by families, who are provided with a specific theme each Saturday in order to take maximum advantage of the pedagogical farm.

The ideal trip in order to see something different from normal life in the city.

## Porto and the North

### Espinho

**Planetário de Espinho**

**Address:** Centro Multimeios Espinho Avenida. 24, nº 800  
- 4500-202 Espinho

**Telephone:** +351 227 331 190 **Fax:** +351 227 331 191

**E-mail:** [planetario@multimeios.pt](mailto:planetario@multimeios.pt) **Website:**

<http://www.planetarioespinho.pt>

**Timetable:**

Tuesday to Friday: 10a.m-1p.m. /2p.m.-5.30p.m., for school groups/bookings.

Fridays: 9p.m.-10p.m.; Saturday: 2 p.m.-7p.m

/ 9p.m.-10p.m.; Sundays and holidays: 2 p.m.-7p.m.

Closed on Mondays.;

**Characteristics and Services:**

Shops; Bar;

**Access:**

Outdoor parking; Buses; Train stations;

**Accessibility:**

Disabled access; Accessible route to the entrance: Total;

Accessible entrance: Total; Reception area suitable for people

with special needs; Accessible circulation inside: Total;

Accessible areas/services: Shop, Bar/Café, Toilets, Patio,

Auditorium; Accessible information: Information panels;

**The Espinho Planetarium is a place that is almost mandatory to visit to those visiting Espinho. It is the most advanced planetarium in the country, equipped with a high resolution digital projection system.**

The projection in the Planetarium is made in 360°, and may even be 3D, depending on the show being presented. The spectator is completely surrounded by image, in a true immersive experience, making the Planetarium an effective and attractive place, with enormous flexibility. Being completely surrounded by image and sound, the spectator is "transported" into the action, which makes the visit to the planetarium a unique occasion.

Some of the shows are about astronomy subjects, but there are also about biology, maths or simple pure entertainment. Pre-elaborated content (films) are projected, but one of the great innovations of this system are the images generated in real time, thanks to the simulator that integrates it, which allows us to travel through the Universe. To follow the movement of a planet, look at the Earth from space, the Solar System, go to a comet, travel to the outside of our galaxy and observe its structure, are some examples, from what we can observe.

The planetarium has an extensive programming and is recommended for all ages.

## Santa Maria da Feira

**Visionarium - Centro de Ciência do Europarque**

**Address: 4520-153 Santa Maria da Feira**

**Telephone: +351 256 370 607/9 Fax: +351 256 370 608**

**E-mail: [info.visionarium@insizium.com](mailto:info.visionarium@insizium.com) Website:**

**<http://www.visionarium.pt>**

**Timetable:**

Tuesday to Friday: 9am - 6pm; Weekend and public holidays:  
2pm - 7pm;

Closed: Mondays, 1 January, Good Friday, Easter Sunday, 24, 25  
and 31 December. ;

**Characteristics and Services:**

Shops; Bar;

**Accessibility:**

field\_ma\_acesso\_para\_deficientes;

At Visionarium we are invited to enter a universe of emotions and experiences worthy of a scientific adventure. By making use of different and up-to-date technologies, we set out on a journey that stimulates our senses and knowledge.

Our journey is set to begin with a multimedia show where we embark on the adventures of the Portuguese Navigators during the Discoveries. Like Henry, the Navigator, Vasco da Gama or Ferdinand Magellan, and using different technologies, we sail away on the discovery of 5 fantastic Odysseys related to the domains of the Earth, Matter, the Universe, Life and Information.

This adventure, however, doesn't stop here. On both Experimentarios we engage in live demonstrations of the scientific principles displayed on the 5 permanent exhibition rooms. At Laboratorium, we are encouraged to engage actively in experiments on biology, microbiology, biochemistry, chemistry and ecology. On the Temporary Exhibitions' Room, we can discover scientific views from all over the world.

We can also take a walk through the exterior gardens, dedicated to scientific games, where we can watch a watermill or step on a scalemodel of the solar system, 87 million times smaller than the actual one.