



experientia

The Science Center



The unique world  
of knowledge  
and experience

**EXPERIENCE**  
*WORLDS OF*  
**DISCOVERIES**

# The unique world of knowledge and experience



## THE DISCOVERY WORLDS

275 interactive stations show  
how the world functions

- > Exhibition on four levels
- > Special exhibitions
- > Four glass-walled studios
- > Forum



## THE EXPERIENCE WORLDS

Experience science and technology  
with all the senses

- > Science Dome
- > Experiment Theatre
- > Observatory



## THE RESEARCH WORLDS

Conduct research and experiments  
in high-tech labs and workshops

- > Eight labs and an  
Experiment Kitchen
- > Student Research Center
- > Maker Space

Experience facilitates learning. This is the motto and the agenda at the largest science center in Germany: the experimenta.

Housed in a spectacular new glass and steel building and a renovated historic storehouse, experimenta offers a unique world of learning and experience to those from 3 to 103 who thirst for knowledge.

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It has never been more exciting to discover new things and find out a lot about oneself at the same time: scientists both young and old can feel, see, hear and marvel – and experiment to their heart's content. And then there is the Forum as a place to conduct exciting discussions on the questions of the future.

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The Science Dome is a magical place: in the one-of-a-kind combination of planetarium and theatre with its revolving auditorium and large dome projection screen, visitors venture into space or enjoy laser shows and experiment demonstrations. Explanations of science become spectacular. Visitors are awed by the Science Stage and the unique Observatory.

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Among the most fascinating classrooms are the experimenta labs that offer over 60 courses that encourage experimentation and research. There is also the Experiment Kitchen, the Student Research Center (sfz), and the Maker Space as places to experiment, develop and create.



## FASCINATING DISCOVERY WORLDS

**Diversity has top priority in the Discovery Worlds. 275 interactive stations on four levels of the new building inspire visitors.**

On Level 1, the “StoffWechsel” section holds surprising revelations about our daily lives. Whether in the wind studio, in the monochromatic space or in creating avatars – it is here the invisible is made visible, and you can discover the origins of things.

“KopfSachen” on Level 2 explains how complex and diverse the perception of the world can be with the senses. Wear enormous shoes as you complete an obstacle course or in the relax zone an LED tree shows you just how relaxed you are.

The exhibition “WeltBlick” on Level 3 explains how the world can be studied, constructed and changed with the help of technology and science. You can discover the microcosm here or observe the effects of weather phenomena.



## 24 Talent Stations

At 24 talent stations, teens and young adults obtain feedback about their personal strengths and talents.

“ForscherLand” on Level 4 is a unique adventure playground where visitors can experiment, craft and create. Children can test how a lock functions in the waterscape, observe flying objects or climb into a tree house.

There are also changing special exhibitions in the underground lobby area. Discover the world from a new perspective.

Be creative and craft something new are the challenges in the four glass-walled studios: produce a film, compose a piece of music, build a vehicle or create a work of art using cable ties. Here like everywhere else at experimenta: experience facilitates learning.

In the Forum, visitors can discuss the latest in science and research. They can see what the city of the future will look like or learn how they can become citizen scientists.



ca. **1.200.000** Volts

strike the surface of the Science  
Dome stage when the Tesla coils  
produce a high-voltage  
bolt of lightning.



## EXTRAORDINARY EXPERIENCE WORLDS

The Experience Worlds stage spectacular moments with the Science Dome, Observatory and the Science Stage.

The Science Dome is a unique combination of planetarium and theatre with a revolving auditorium and a large dome projection screen found nowhere else in the world. The audience travels in 3D through space or watch spectacular laser shows and experiment demonstrations.

The Observatory with Germany's first AllSky astrodome is fully accessible for disabled visitors, offers a fascinating observation program and includes four powerful telescopes mounted on the rooftop terrace.

In the Experiment Theater, children up to the age of ten learn about natural and scientific phenomena in an age-appropriate shows and interactive formats developed specifically for the stage and entertainment.



experimenta has supported

around **40**   
“Jugend forscht”  
student research projects

since the beginning  
of 2020.



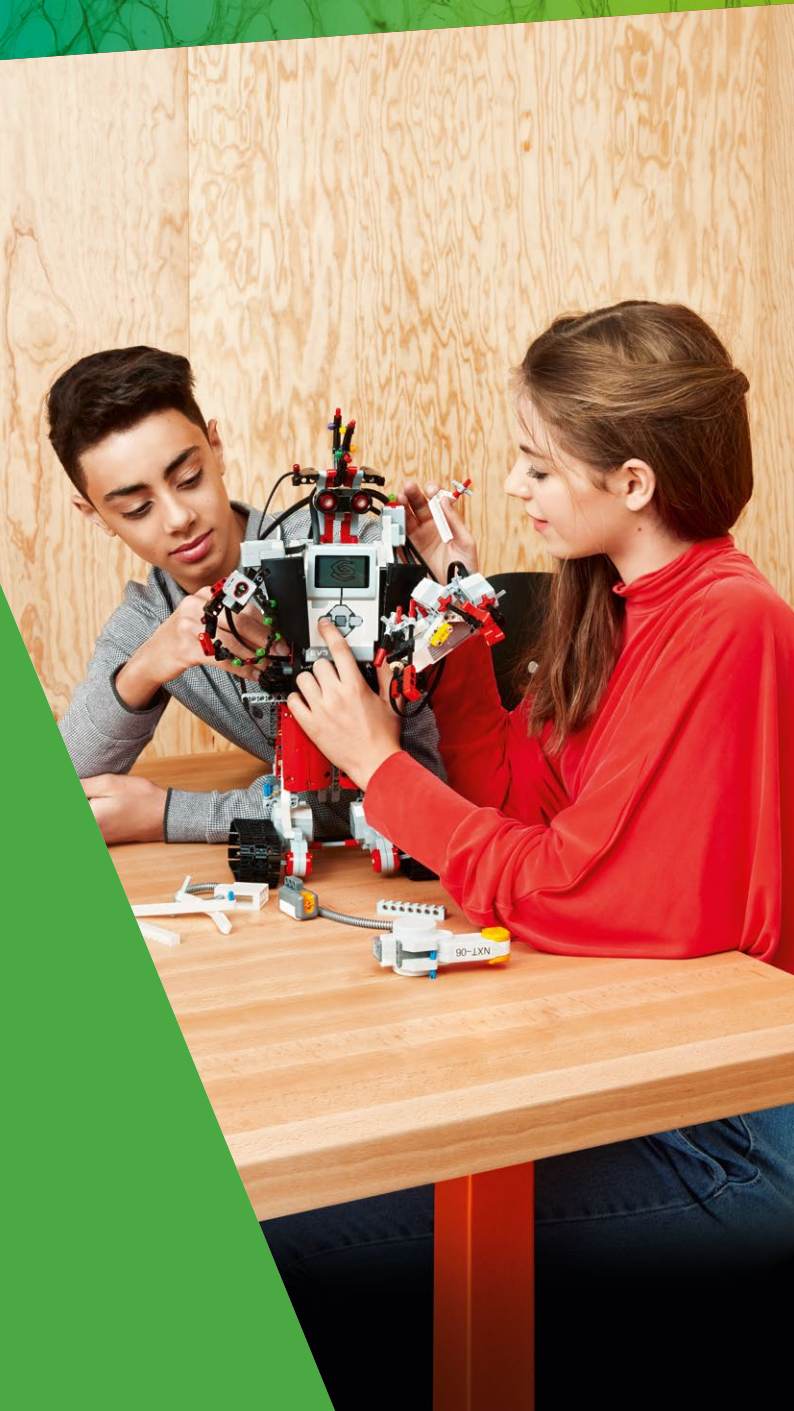
## INNOVATIVE RESEARCH WORLDS

A wide range of experiment options are on offer in the Research Worlds in the converted Hagenbucher storehouse. In the over 2,500 m<sup>2</sup> space, eight high-quality fully equipped labs and an Experiment Kitchen await school classes and groups.

Experimenta offers more than 60 scientific and technical courses for different age groups. In the Student Research Center sfz, young researchers are supported in their first scientific endeavors.

The Maker Space is designed specifically for young people 14 and older. Teens and young adults will find the room and the technical equipment they need to experiment, develop and create – everything from a sewing machine to a 3D printer.







## THE DIGITAL RUCKSACK

The Digital Rucksack is unique: Photos, videos and texts can be saved to the experimenta cloud and accessed at any time on the internet. Visitors can relive the experience of their visit to experimenta at home or share it digitally with family and friends.

## MS EXPERIMENTA

As a floating ambassador of the world of knowledge and experience in Heilbronn, the MS experimenta is bound for ports-of-call throughout Germany. Aboard ship, visitors can experience an exciting time and explore parts of experimenta's Discovery, Experience and Research Worlds.

[www.ms-experimenta.science](http://www.ms-experimenta.science)



# PRICES

	Adult	Discounted <sup>1</sup>	Mini group (family) <sup>2</sup>	Group (12 or more)	Group (discounted) <sup>1</sup>
experimenta ticket <sup>3</sup>	12 €	6 €	29 €	11 €	5 €
Science Dome <sup>4</sup>	6 €	4 €	15 €	5 €	3 €
Special exhibition	7 €	4 €	17 €	6 €	3 €
Annual pass <sup>5</sup>	49 €	25 €	123 €	-	-

**<sup>1</sup> Discounted admission**

children and teens from 3 to 18 years of age; with valid identification: apprentices, young adults participating in National Voluntary Work Programs, military personnel, young adults participating in Federal Volunteer Service programs, school children, university students, holders of a Family Pass issued by Baden-Württemberg, individuals with a severe disability, social welfare recipients

**<sup>2</sup> Mini group (family)**

up to 5 people, max. 2 adults

**<sup>3</sup> experimenta ticket**

exhibition, studios, and, subject to availability, special exhibition, Experiment Theater, Observatory

**<sup>4</sup> Science Dome**

special rates apply for Science Dome special events

**<sup>5</sup> Annual pass**

including unlimited number of Science Dome shows

**Free admission**

children up to 2 years of age; with valid identification: teachers, kindergarten teachers, birthday children, people accompanying disabled individuals, bus drivers of tour groups

Please note that the price of admission and opening hours may vary for our special events.

## OPENING HOURS

### Research & Experience Worlds, e1

Mon to Fri

9:00 am to 5:00 pm

Sat, Sun, public holidays

10:00 am to 6:00 pm

### Discovery Worlds, e2

for registered groups only

### Forum, e2

Tur – Fri

1:30 pm to 5:00 pm

Sat

2:30 pm to 6:00 pm

Sun, Mon

Closed

### Maker Space, e2

Tur – Sat

3:00 pm to 10:00 pm,  
also during school/  
public holidays

Sun, Mon

Closed

## BOOKINGS

[shop.experimenta.science](https://shop.experimenta.science)

[buchung@experimenta.science](mailto:buchung@experimenta.science)

T +49 (0) 7131 887 95-0

## HOW TO GET HERE

### By train

A 6 minute walk  
from the Heilbronn  
main train station

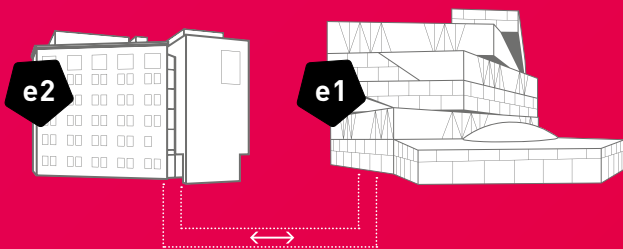
### By bus or light rail

A 3 minute walk  
from the stop  
Neckarturm Kurt-  
Schumacher-Platz

### By car

experimenta  
Parking structure,  
Bahnhofstr. 6

## OUR BUILDINGS





## CONTACT

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