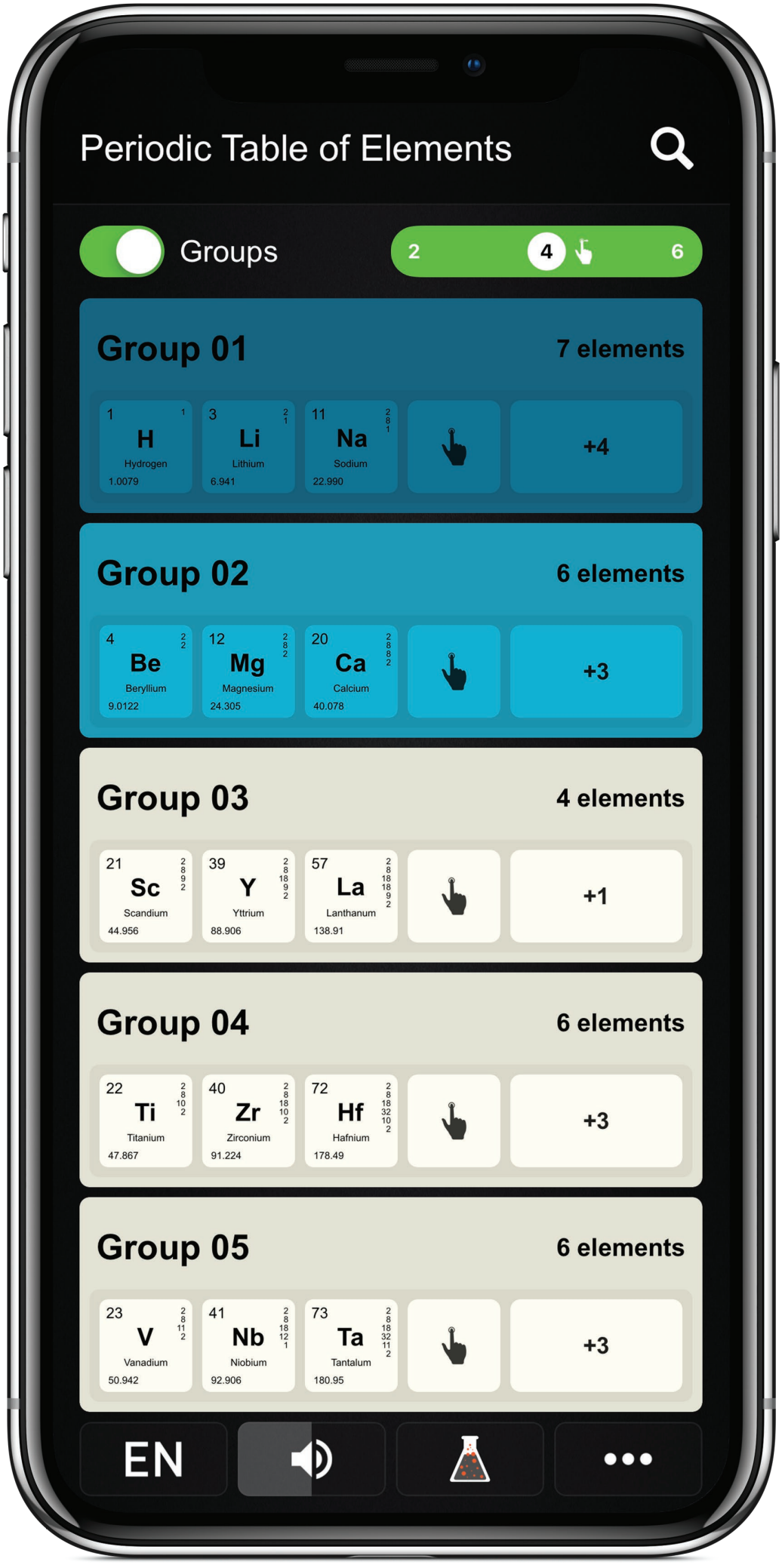
Periodic Table PRO

The chemistry lab in your pocket.

Our mission is to educate younger generations through technology. Chemistry is one of the fascinating matters and its value is given by the quality of the educational act.

We strongly believe that education must include elements that stimulate visual cognitive processes and also inspire students to enjoy the process of learning.

Periodic Table PRO provides concise information for all chemical elements, a virtual laboratory for conducting fun experiments, as well as an environment dedicated to testing the knowledge gained in chemistry classes.


Periodic Table of Elements
Groups
2
4
6
Group 01
7 elements
1
H
Hydrogen
1.0079
3
Li
Lithium
6.941
11
Na
Sodium
22.990
+4
Group 02
6 elements
4
Be
Beryllium
9.0122
12
Mg
Magnesium
24.305
20
Ca
Calcium
40.078
+3
Group 03
4 elements
21
Sc
Scandium
44.956
39
Y
Yttrium
88.906
57
La
Lanthanum
138.91
+1
Group 04
6 elements
22
Ti
Titanium
47.867
40
Zr
Zirconium
91.224
72
Hf
Hafnium
178.49
+3
Group 05
6 elements
23
V
Vanadium
50.942
41
Nb
Niobium
92.906
73
Ta
Tantalum
180.95
+3
EN


Periodic Table of Elements
List
2
4
6
1 H Hydrogen 1.0079
2 He Helium 4.0026
3 Li Lithium 6.941
4 Be Beryllium 9.0122
5 B Boron 10.811
6 C Carbon 12.011
7 N Nitrogen 14.007
8 O Oxygen 15.999
9 F Fluorine 18.998
10 Ne Neon 20.180
11 Na Sodium 22.990
12 Mg Magnesium 24.305
13 Al Aluminium 26.982
14 Si Silicon 28.086
15 P Phosphorus 30.974
16 S Sulfur 32.065
17 Cl Chlorine 35.453
18 Ar Argon 39.948
19 K Potassium 39.098
20 Ca Calcium 40.078
21 Sc Scandium 44.956
22 Ti Titanium 47.867
23 V Vanadium 50.942
24 Cr Chromium 51.996
25 Mn Manganese 54.938
26 Fe Iron 55.845
27 Co Cobalt 58.933
28 Ni Nickel 58.693
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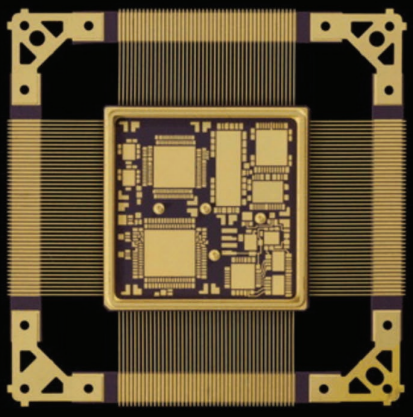
Gold

Gold is one of the few elements you can find just lying on the ground. This one-ounce nugget of pure gold was found in Alaska in 1890 by Hogamorth Marion.



Swipe for more details

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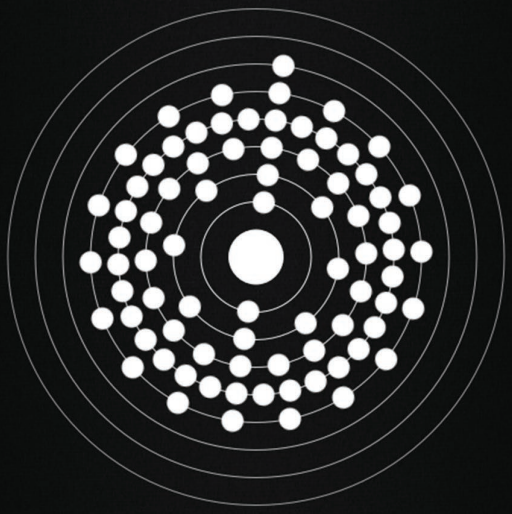
Gold

01. Overview

Symbol	Au
Atomic number	79
Atomic weight	197
Density	19.3 g/cm^3
Melting point	1064.18 °C
Boiling point	2856 °C
Electrons	79
Protons	79
Neutrons	118



02. Thermal properties

Phase	Solid
Melting point	1064.18 °C
Boiling point	2856 °C
Absolute melting point	1337.33 K
Absolute boiling point	3129 K

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Element details - PDF

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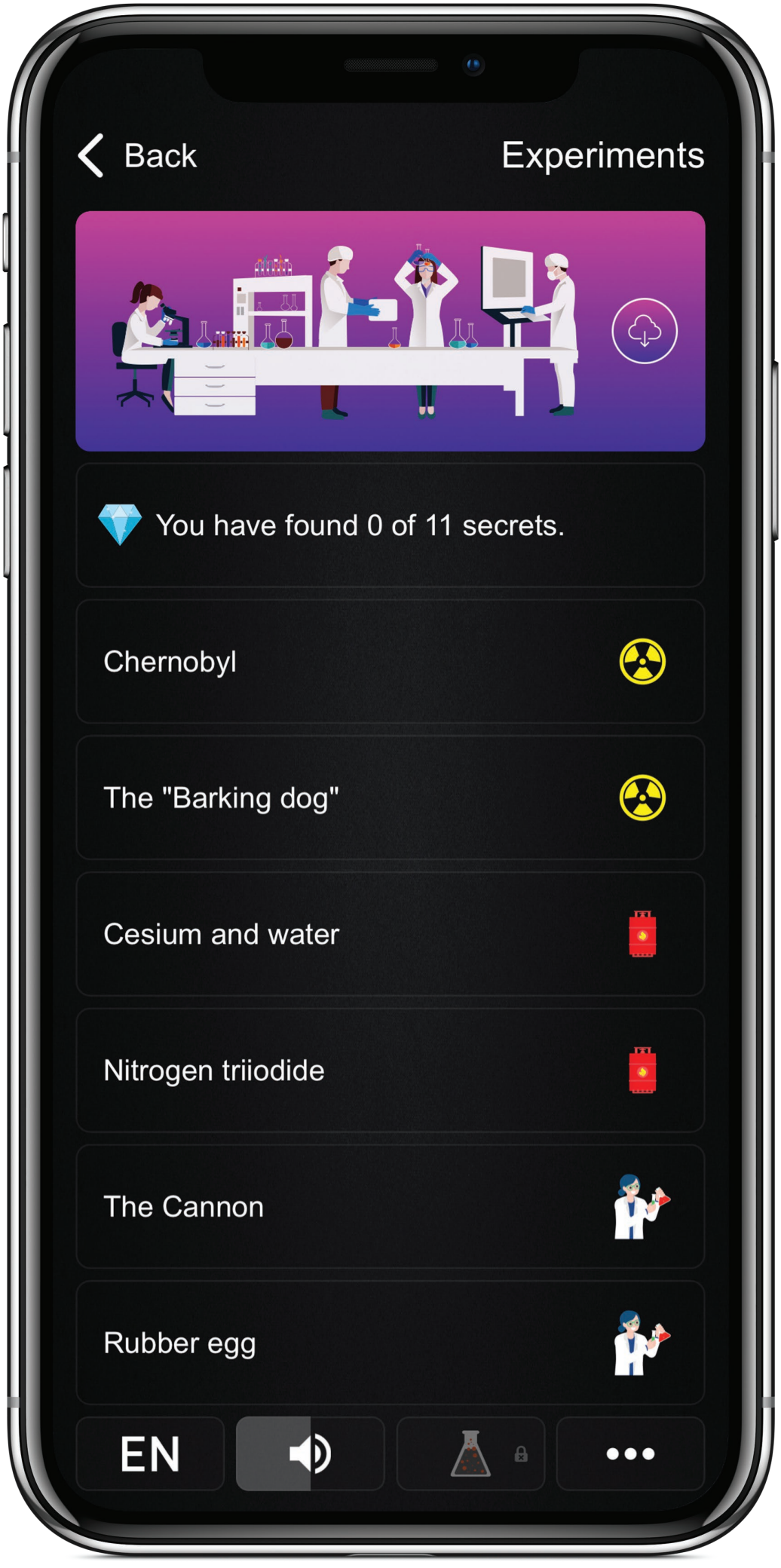
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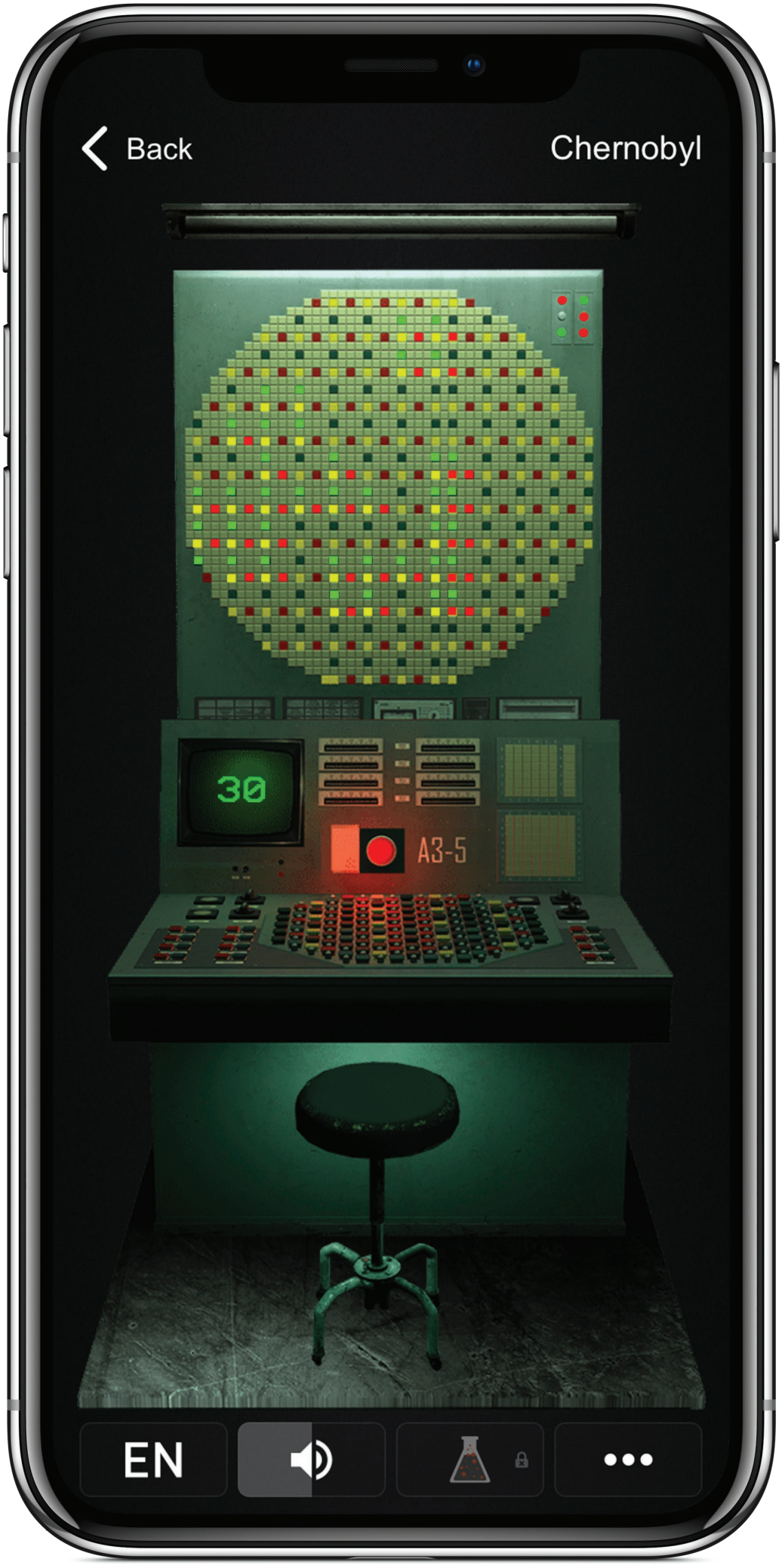
Experiments
You have found 0 of 11 secrets.
Chernobyl
The "Barking dog"
Cesium and water
Nitrogen triiodide
The Cannon
Rubber egg
EN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Chernobyl
30
A3-5
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Soft drink + lollies

Soft drink

Lollies

Soft drink + lollies

Help

In this experiment you can view the reaction between a soft drink and a bunch of lollies. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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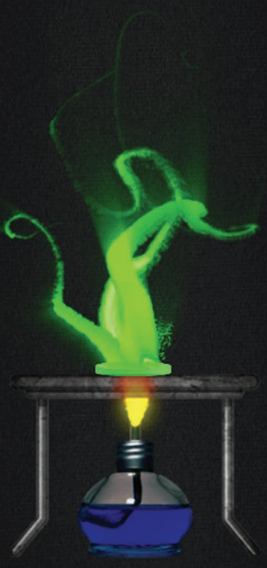
$2C_{12}H_{22}CaO_{14} + O_2$

Calcium gluconate

Fire



$2C_{12}H_{22}CaO_{14} + O_2$

Help

In this experiment you can view the reaction between calcium gluconate and fire. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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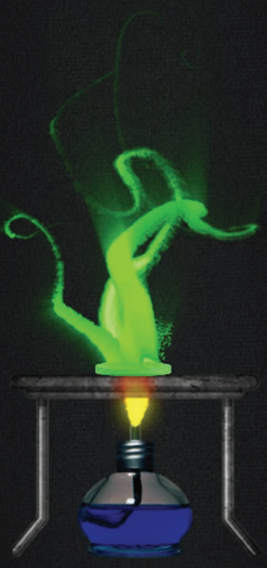
$2C_{12}H_{22}CaO_{14} + O_2$

Calcium gluconate

Fire



$2C_{12}H_{22}CaO_{14} + O_2$

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HCl + Mg

Hydrochloric acid

Magnesium

HCl + Mg

Help

In this experiment you can view the reaction between the hydrochloric acid and magnesium solution. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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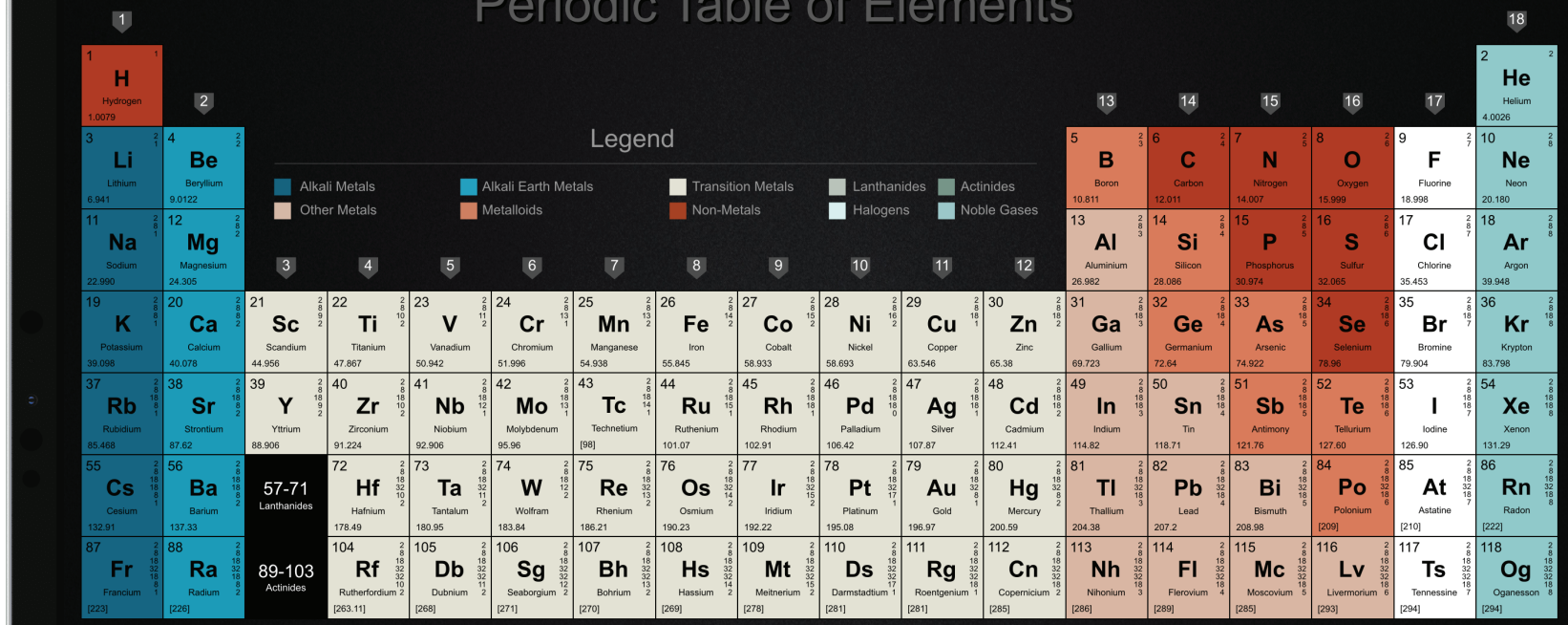
Periodic Table of Elements



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79

2
8
18
32
18
1

Au

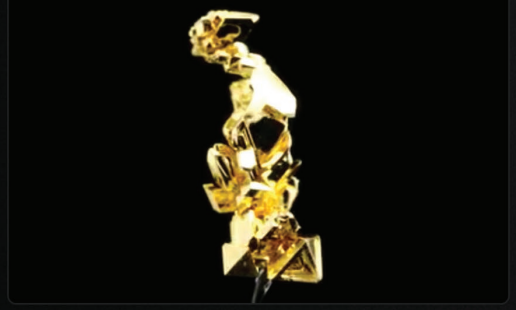
196.97

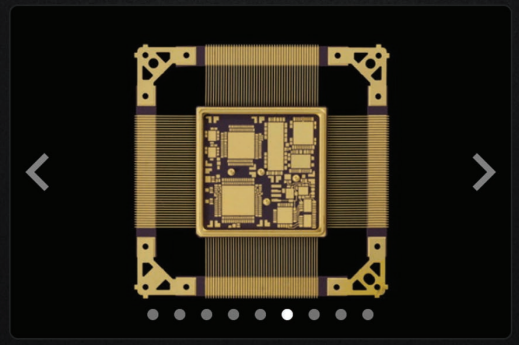
Gold

Atomic weight	197
Density	**19.3 g/cm³**
Melting point	1064.18 °C
Boiling point	2856 °C

Gold is one of the few elements you can find just lying on the ground. This one-ounce nugget of pure gold was found in Alaska in 1890 by Hogamorth Marion.

Element details - PDF





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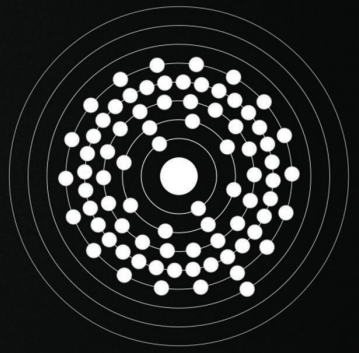

02. Thermal properties

Phase	Solid
Melting point	1064.18 °C
Boiling point	2856 °C
Absolute melting point	1337.33 K
Absolute boiling point	3129 K
Critical pressure	N/A
Critical temperature	N/A

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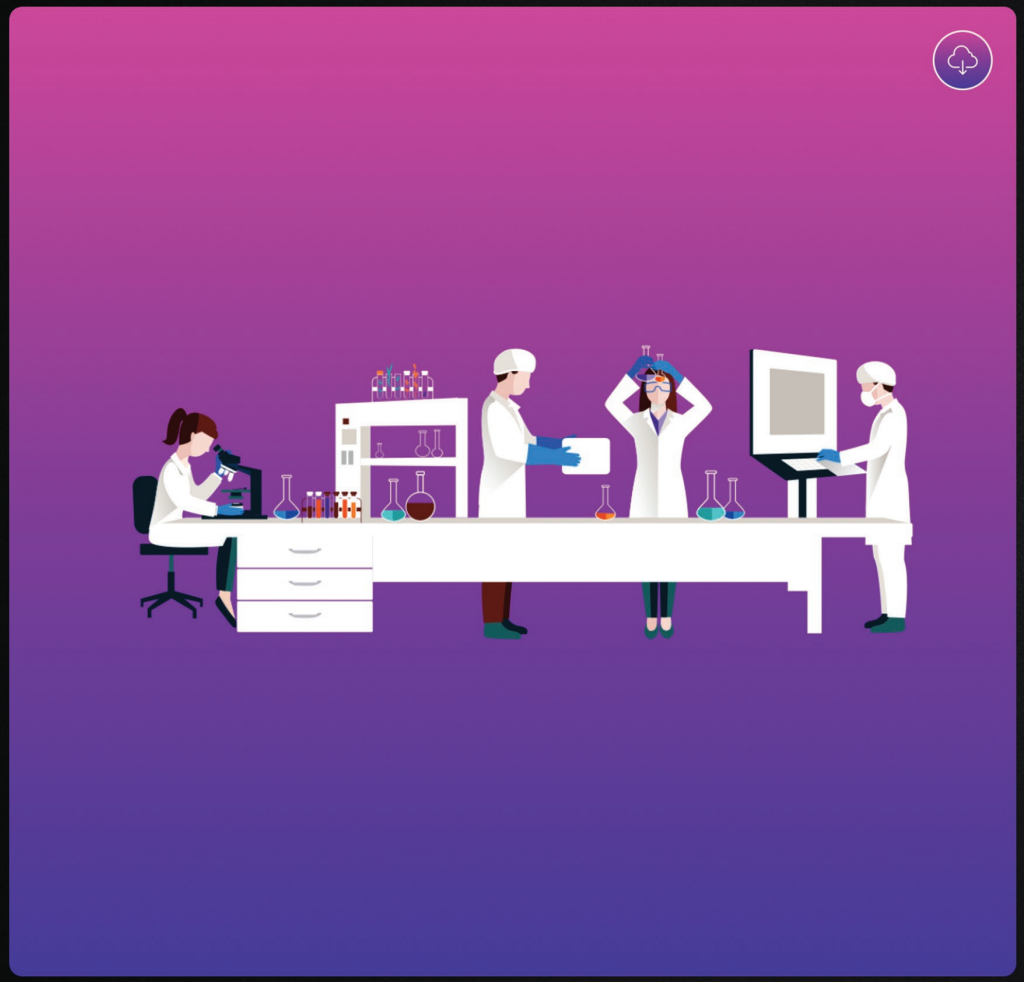
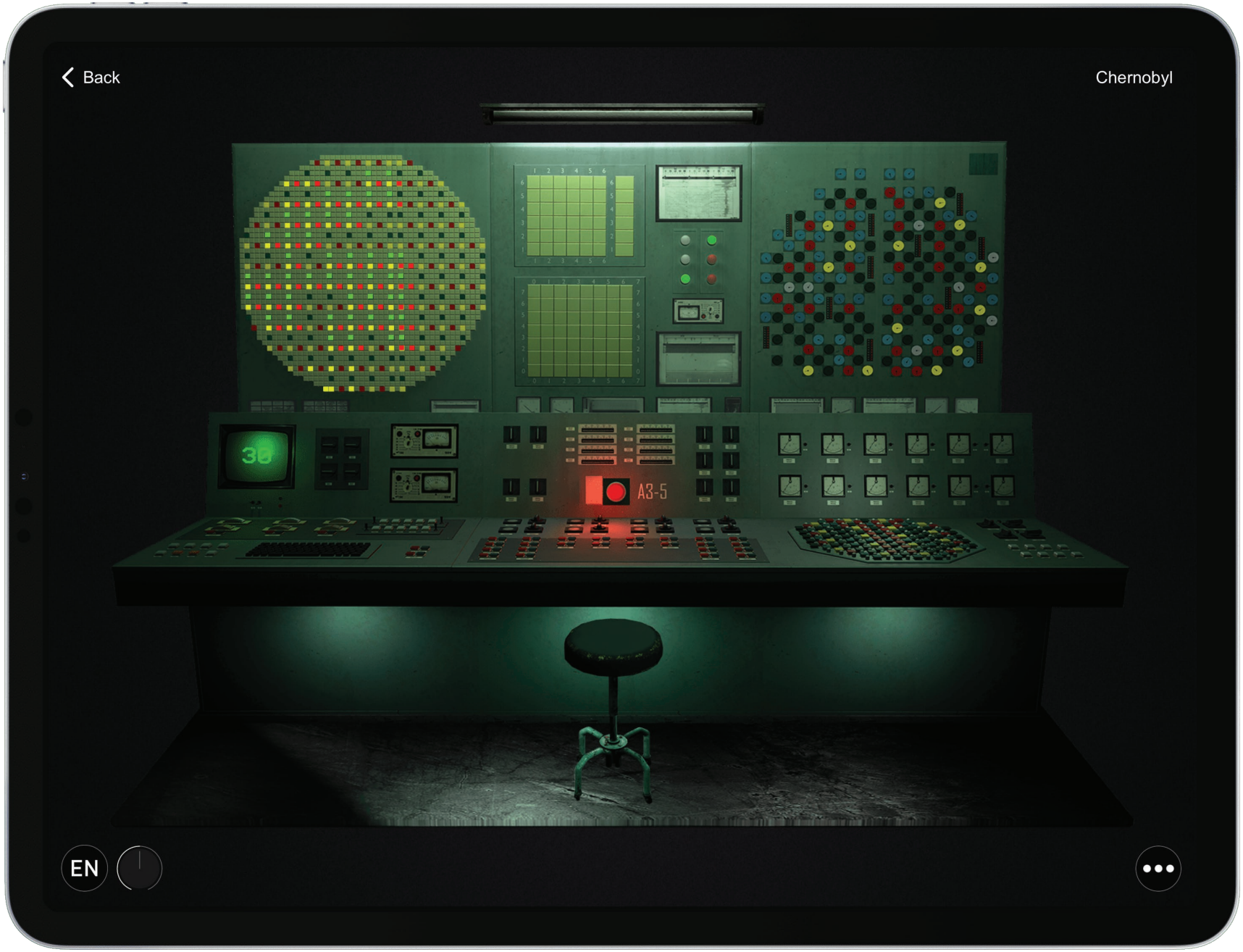
Experiments



You have found 0 of 11 secrets.

- Chernobyl
- The "Barking dog"
- Cesium and water
- Nitrogen triiodide
- The Cannon
- Rubber egg
- The volcan
- Fire snake

EN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Chernobyl
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The Cannon

Soft drink

Lollies

Soft drink + lollies

Help

In this experiment you can view the reaction between a soft drink and a bunch of lollies. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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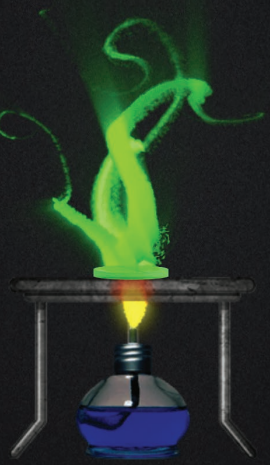
Calcium gluconate and fire

Calcium gluconate

Fire



$2C_{12}H_{22}CaO_{14} + O_2$

Help

In this experiment you can view the reaction between calcium gluconate and fire. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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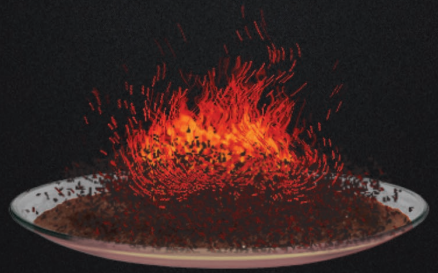
The volcan

$Cr_2H_8N_2O_7$

Fire



$Cr_2H_8N_2O_7 + O_2$

Help

In this experiment you can view the reaction between ammonium dichromate and fire. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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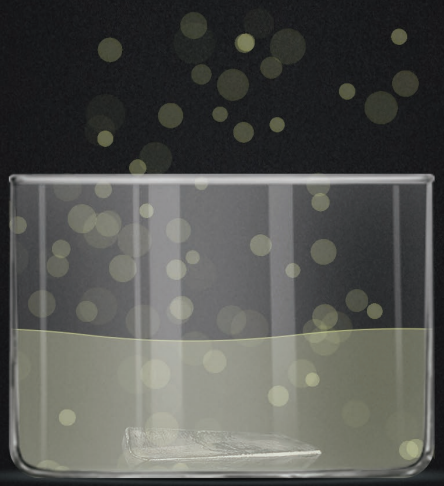
Hydrochloric acid and magnesium

Hydrochloric acid

Magnesium



HCl + Mg

Help

In this experiment you can view the reaction between the hydrochloric acid and magnesium solution. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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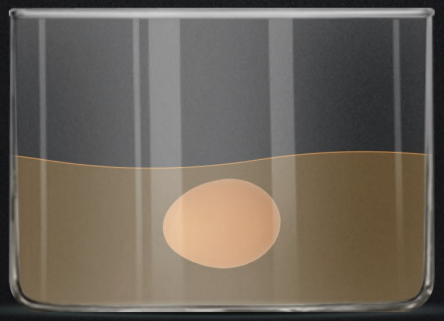
Rubber egg

Vinegar

Boiled egg



CH_3COOH + Boiled egg

Help

In this experiment you can view the reaction between the vinegar and one boiled egg. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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The "Barking dog"

Nitrous oxide

Carbon disulfide

$N_2O + CS_2$

Help

In this experiment you can view the reaction between nitrogen monoxide and carbon disulfide. To make the experiment, drag the elements that are pulsating into the glass at the center of the screen.

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Periodic Table PRO is a reference application for each student, teacher, chemistry passionate and provides:

- A virtual laboratory with exciting packs of chemistry experiments
- Concise information for all chemical elements
- Multi-language support for English, Romanian, German, Russian, French, Italian, Spanish, Turkish,Chinese & Japanese
- 'In memoriam Chernobyl'
- Hidden app secrets
- Quick search & in-place information filtering
- Downloadable PDFs for each chemical element
- Presentation galleries & movie-clips

The project was awarded by Best Mobile App Awards, Awwwards & WebStock Awards:

- Platinum Award for Best Mobile Design
- Web Innovation Award
- Best Mobile App

BMA platinum winner

AWWWARDS

webstock awards