The Planets Francesca Costa

## Cards for activity 2

## Mercury

Position
Distance from the
$\qquad$

Temperature

- 57,910,000 km

Mass

- varies from $-184^{\circ} \mathrm{C}$ to $+427^{\circ} \mathrm{C}$

Diameter

- $3.30 \times 10^{23} \mathrm{~kg}$

Atmosphere

- 4,900 km

Core

- almost none

Named after

- partly liquid iron
- Roman winged messenger and escort of the dead


Other

- fastest moving planet


## Venus

Position - second closest to the sun
Distance from the sun
Temperature - very hot: $457^{\circ} \mathrm{C}$
Mass
$-4.87 \times 10^{24} \mathrm{~kg}$
Diameter

- $12,100 \mathrm{~km}$

Atmosphere

- very thick, poisonous

Core

- iron

Named after - Roman goddess of love


Other

- has volcanoes

Other

Earth

| Position | - third closest to the sun |
| :--- | :--- |
| Distance from the sun | $-150,000,000 \mathrm{~km}$ |
| Temperature | $-\overline{5.98 \times 10^{24} \mathrm{~kg}}$ |
| Mass | $-12,700 \mathrm{~km}$ |
| Diameter | $-78 \%$ nitrogen, $21 \%$ oxygen |
| Atmosphere | - alloy of iron and nickel |
| Core | - the normal word for the ground and |
| Named after | soil |
| Other | - the only place where we know that |
|  | life has evolved |



Named after

- alloy of iron and nickel

Position

- third closest to the sun

Distance from the sun
-

- $5.98 \times 10^{24} \mathrm{~kg}$

Mass

- 12,700 km
- 78\% nitrogen, $21 \%$ oxygen
- the normal word for the ground and
- the only place where we know that life has evolved


## Mars

Position - fourth closest to the sun
Distance from the sun - $228,000,000 \mathrm{~km}$
Temperature

- minimum $-130^{\circ} \mathrm{C}$, maximum $20^{\circ} \mathrm{C}$

Mass
Diameter

- 6,800 km

Atmosphere

- very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$

Core

- alloy of iron

Named after

- Roman god of war

Other

- has polar ice caps



## Mercury

Position - nearest to the sun
Distance from the sun
Temperature

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Mass
$-3.30 \times 10^{23} \mathrm{~kg}$
Diameter

- 4,900 km

Atmosphere

- almost none

Core

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Named after

- Roman winged messenger and escort of the dead


Other

- fastest moving planet


## Venus

| Position | - second closest to the sun |
| :--- | :--- |
| Distance from the sun | $-108,200,000 \mathrm{~km}$ |
| Temperature | - very hot: $457^{\circ} \mathrm{C}$ |
| Mass | $-\overline{12,100 \mathrm{~km}}$ |
| Diameter | - very thick, poisonous |
| Atmosphere | - iron |
| Core | - Roman goddess of love |
| Named after | - has volcanoes |
| Other |  |



## Earth

| Position | - third closest to the sun |
| :--- | :--- |
| Distance from the sun | $-150,000,000 \mathrm{~km}$ |
| Temperature | - on average, $14^{\circ} \mathrm{C}$ |
| Mass | $-5.98 \times 10^{24} \mathrm{~kg}$ |
| Diameter | $-12,700 \mathrm{~km}$ |
| Atmosphere | - |
| Core | - alloy of iron and nickel |
| Named after | soil |
|  | - the only place where we know that |
| Other |  | life has evolved

## Uranus

Position

- seventh closest to the sun

Distance from the sun

- 2,870,000,000 km

Temperature

- $-200^{\circ} \mathrm{C}$

Mass
$-8.68 \times 10^{25} \mathrm{~kg}$
Diameter
Atmosphere
Core

- hydrogen, helium, and methane

Named after

- molten rock

-     - Greek god of the sky

Other - has 11 faint rings


Other

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| Diameter | $-12,100 \mathrm{~km}$ |
| Atmosphere | - |
| Core | - iron |
| Named after | - Roman goddess of love |
| Other | - has volcanoes |



## Mars

| Position | - fourth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-228,000,000 \mathrm{~km}$ |
| Temperature | - minimum $-130^{\circ} \mathrm{C}$, maximum $20^{\circ} \mathrm{C}$ |
| Mass | $-6.42 \times 10^{23} \mathrm{~kg}$ |
| Diameter | $-6,800 \mathrm{~km}$ |
| Atmosphere | - very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$ |
| Core | - alloy of iron |
| Named after | - |
| Other | - has polar ice caps |



## Saturn

| Position | - sixth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-1,430,000,000 \mathrm{~km}$ |
| Temperature | $-168^{\circ} \mathrm{C}$ |
| Mass | $-5.68 \times 10^{26} \mathrm{~kg}$ |
| Diameter | $-120,000 \mathrm{~km}$ |
| Atmosphere | -liquid mettallic hydrogen around a <br> Cocky core |
| Core -Roman god of agriculture <br> Named after - famous for its rings |  |



## Mercury

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| Distance from the sun | $-57,910,000 \mathrm{~km}$ |
| Temperature | - varies from $-184^{\circ} \mathrm{C}$ to $+427^{\circ} \mathrm{C}$ |
| Mass | $-\overline{4,900 \mathrm{~km}}$ |
| Diameter | - almost none |
| Atmosphere | - partly liquid iron |
| Core | - Roman winged messenger and |
| Named after | escort of the dead |
|  | - fastest moving planet |



Other

- fastest moving planet


## Venus

Position - second closest to the sun
Distance from the sun - 108,200,000 km
Temperature - very hot: $457^{\circ} \mathrm{C}$
Mass $\quad-4.87 \times 10^{24} \mathrm{~kg}$
Diameter - 12,100 km
Atmosphere - very thick, poisonous
Core - iron
Named after
-
Other - has volcanoes

## Jupiter

| Position | - fifth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-778,000,000 \mathrm{~km}$ |
| Temperature | $--150^{\circ} \mathrm{C}$ |
| Mass | $-1.90 \times 10^{27} \mathrm{~kg}$ |
| Diameter | $-140,000 \mathrm{~km}$ |
| Atmosphere | - very stormy, $75 \%$ hydrogen, $25 \%$ |
|  | helium |
| Core | $-\overline{\text { Roman king of the gods }}$ |
| Named after | - has 63 moons |
| Other |  |



Other

- has 63 moons


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| Position | - sixth closest to the sun |
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| Mass | $-120,000 \mathrm{~km}$ |
| Diameter | -hydrogen and helium, with nitrogen, <br> sulfur and oxygen |
| Atmosphere | -liquid mettallic hydrogen around a <br>  <br> Core <br>  <br> rocky core |
| Named after - Roman god of agriculture <br> Other - famous for its rings |  |



Atmosphere

- 120,000 km


Distance from the sun -778,000,000 km
Mass
$-1.90 \times 10^{27} \mathrm{~kg}$
Diameter

- very stormy, 75\% hydrogen, 25\% helium


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Diameter
Atmosphere
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Core

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Other

- fastest moving planet


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Core - liquid mettallic hydrogen around a rocky core
Named after - Roman god of agriculture
Other $\qquad$

## Uranus

Position
Distance from the sun - 2,870,000,000 km
Temperature

- $-200^{\circ} \mathrm{C}$

Mass

- $8.68 \times 10^{25} \mathrm{~kg}$

Diameter

- $51,500 \mathrm{~km}$

Atmosphere
Core

- hydrogen, helium, and methane

Named after

- molten rock


Other

- Greek god of the sky
- has 11 faint rings


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- varies from $-184^{\circ} \mathrm{C}$ to $+427^{\circ} \mathrm{C}$

Mass
$-3.30 \times 10^{23} \mathrm{~kg}$
Diameter

- 4,900 km

Atmosphere
-

- partly liquid iron

Named after

- Roman winged messenger and escort of the dead


Other

- fastest moving planet


## Earth

| Position | - third closest to the sun |
| :--- | :--- |
| Distance from the sun | $-150,000,000 \mathrm{~km}$ |
| Temperature | - on average, $14^{\circ} \mathrm{C}$ |
| Mass | $-5.98 \times 10^{24} \mathrm{~kg}$ |
| Diameter | $-12,700 \mathrm{~km}$ |
| Atmosphere | $-78 \%$ nitrogen, $21 \%$ oxygen |
| Core | - alloy of iron and nickel |
| Named after | - the normal word for the ground and |
|  | soil |



Other $\qquad$

## Mars

| Position | - fourth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-228,000,000 \mathrm{~km}$ |
| Temperature | $-\overline{6.42 \times 10^{23} \mathrm{~kg}}$ |
| Mass | $-6,800 \mathrm{~km}$ |
| Diameter | - very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$ |
| Atmosphere | - alloy of iron |
| Core | - Roman god of war |
| Named after | - has polar ice caps |
| Other |  |



## Jupiter

| Position | - fifth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-778,000,000 \mathrm{~km}$ |
| Temperature | $-150^{\circ} \mathrm{C}$ |
| Mass | $-1.90 \times 10^{27} \mathrm{~kg}$ |
| Diameter | -very stormy, $75 \%$ hydrogen, $25 \%$ <br> Atmosphere <br> helium |
| Core | -liquid mettallic hydrogen, and <br>  <br> perhaps a rocky core underneath |
| Named after | -Roman king of the gods |
| Other | - has 63 moons |

## science museum

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Position - nearest to the sun
Distance from the sun - $57,910,000 \mathrm{~km}$
Temperature

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Mass
$-3.30 \times 10^{23} \mathrm{~kg}$
Diameter

- 4,900 km

Atmosphere

- almost none

Core $\qquad$
Named after

- Roman winged messenger and escort of the dead


Other

- fastest moving planet


## Earth

Position - third closest to the sun
Distance from the sun
Temperature - on average, $14^{\circ} \mathrm{C}$
Mass

- $5.98 \times 10^{24} \mathrm{~kg}$

Diameter

- 12,700 km

Atmosphere

- 78\% nitrogen, 21\% oxygen

Core

- alloy of iron and nickel

Named after

- the normal word for the ground and soil
Other - the only place where we know that life has evolved



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| Core | $-\overline{\text { Roman god of war }}$ |
| Named after | - has polar ice caps |
| Other |  |



## Neptune

Position

- furthest planet from the sun

Distance from the sun

- 4,500,000,000 km

Temperature

- $-215^{\circ} \mathrm{C}$

Mass
$-1.02 \times 10^{26} \mathrm{~kg}$
Diameter

- 49,500 km

Atmosphere

- hydrogen and helium

Core

- rocky

Named after
-

- thirteen moons have been discovered so far


## Mercury

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Mass
$-3.30 \times 10^{23} \mathrm{~kg}$
Diameter

- 4,900 km

Atmosphere

- almost none

Core

- partly liquid iron

Named after
-

- fastest moving planet



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Distance from the sun
Temperature
$\qquad$
Mass $\quad-6.42 \times 10^{23} \mathrm{~kg}$
Diameter

- $6,800 \mathrm{~km}$

Atmosphere

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Core

- alloy of iron

Named after

- Roman god of war

Other

- has polar ice caps

${ }^{20}$ Jupiter

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| Temperature | $-\overline{1.90 \times 10^{27} \mathrm{~kg}}$ |
| Mass | $-140,000 \mathrm{~km}$ |
| Diameter | - very stormy, $75 \%$ hydrogen, $25 \%$ |
| Atmosphere | helium |
|  | $-\quad$ liquid mettallic hydrogen, and |
| Core | $\quad$ perhaps a rocky core underneath |
|  | $-\quad$ Roman king of the gods |
| Named after | - has 63 moons |



Named after

- has 63 moons


## Saturn

| Position | - sixth closest to the sun |
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| Distance from the sun | $-1,430,000,000 \mathrm{~km}$ |
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| Mass | $-5.68 \times 10^{26} \mathrm{~kg}$ |
| Diameter | -hydrogen and helium, with nitrogen, <br> sulfur and oxygen |
| Atmosphere | -liquid mettallic hydrogen around a <br> rocky core |
| Core | -Roman god of agriculture <br>  <br> Named after |
| Other - famous for its rings |  |



## science museum

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Position - nearest to the sun
Distance from the sun - $57,910,000 \mathrm{~km}$
Temperature

- varies from $-184^{\circ} \mathrm{C}$ to $+427^{\circ} \mathrm{C}$

Mass
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Diameter

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Atmosphere

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Core

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Named after

- Roman winged messenger and escort of the dead


Other

## Mars

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Temperature - minimum $-130^{\circ} \mathrm{C}$, maximum $20^{\circ} \mathrm{C}$
Mass

- $6.42 \times 10^{23} \mathrm{~kg}$

Diameter

- 6,800 km

Atmosphere
-

- alloy of iron

Core

- Roman god of war

Other

- has polar ice caps



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| Diameter | -hydrogen and helium, with nitrogen, <br> sulfur and oxygen |
| Atmosphere |  |



Core - liquid mettallic hydrogen around a rocky core
Named after - Roman god of agriculture
Other

- famous for its rings


## Uranus

Position

- seventh closest to the sun

Distance from the sun - 2,870,000,000 km
Temperature

- $-200^{\circ} \mathrm{C}$

Mass

- $8.68 \times 10^{25} \mathrm{~kg}$

Diameter

- $51,500 \mathrm{~km}$

Atmosphere
Core

- molten rock


Named after - Greek god of the sky
Other - has 11 faint rings

## Mercury

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| Diameter | $-4,900 \mathrm{~km}$ |
| Atmosphere | - almost none |
| Core | - partly liquid iron |
| Named after | - Roman winged messenger and |
|  | escort of the dead |
| Other | - fastest moving planet |



Other


## Jupiter

Position -
Distance from the sun - 778,000,000 km
Temperature $--150^{\circ} \mathrm{C}$
Mass
$-1.90 \times 10^{27} \mathrm{~kg}$
Diameter

- 140,000 km

Atmosphere

- very stormy, 75\% hydrogen, 25\% helium
Core
- liquid mettallic hydrogen, and

Named after perhaps a rocky core underneath

Other

- Roman king of the gods
- has 63 moons


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| Core | $-\quad$liquid mettallic hydrogen around a <br> rocky core |
| Named after - <br> Other - famous for its rings |  |

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Temperature

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Diameter

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Atmosphere

- hydrogen, helium, and methane

Core

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Named after

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Other

- has 11 faint rings


## science museum

## Venus

Position - second closest to the sun
Distance from the sun - 108,200,000 km
Temperature
Mass
$-4.87 \times 10^{24} \mathrm{~kg}$
Diameter

- $12,100 \mathrm{~km}$

Atmosphere

- very thick, poisonous

Core

- iron

Named after

- Roman goddess of love


Other

- has volcanoes


## Earth

Position - third closest to the sun
Distance from the sun - 150,000,000 km
Temperature - on average, $14^{\circ} \mathrm{C}$
Mass
$-5.98 \times 10^{24} \mathrm{~kg}$
Diameter
Atmosphere
Core

- 78\% nitrogen, $21 \%$ oxygen

Named after

- alloy of iron and nickel
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Other - the only place where we know that life has evolved


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| Mass | $-6.42 \times 10^{23} \mathrm{~kg}$ |
| Diameter | $-6,800 \mathrm{~km}$ |
| Atmosphere | - very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$ |
| Core | - alloy of iron |
| Named after | - Roman god of war |
| Other | - has polar ice caps |



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Atmosphere

- very stormy, 75\% hydrogen, 25\% helium
Core
Named after
Other
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Position

- minimum $-130^{\circ} \mathrm{C}$, maximum $20^{\circ} \mathrm{C}$

Mass

- 6,800 km
- very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$
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Named after
_ has polar ice caps
Distance from the sun - 228,000,000 km

Other
perhaps a rocky core underneath

- liquid mettallic hydrogen, and


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Other

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## Neptune

Position

- furthest planet from the sun

Distance from the sun

- 4,500,000,000 km

Temperature

- $-215^{\circ} \mathrm{C}$

Mass
$-1.02 \times 10^{26} \mathrm{~kg}$
Diameter

- 49,500 km

Atmosphere
Core
Named after

- hydrogen and helium

Other

- Roman god of the sea

- thirteen moons have been discovered so far


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Atmosphere
Core

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Atmosphere
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## science museum

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Mass
$-4.87 \times 10^{24} \mathrm{~kg}$
Diameter - $12,100 \mathrm{~km}$
Atmosphere

- very thick, poisonous

Core

- iron

Named after

- Roman goddess of love


Other

- has volcanoes


## Saturn

Position - sixth closest to the sun
Distance from the sun - 1,430,000,000 km
Temperature

- $-168^{\circ} \mathrm{C}$

Mass
Diameter
-

- 120,000 km


Atmosphere

- hydrogen and helium, with nitrogen, sulfur and oxygen
Core - liquid mettallic hydrogen around a rocky core
Named after - Roman god of agriculture
Other - famous for its rings


## Uranus

Position - seventh closest to the sun
Distance from the sun - 2,870,000,000 km
Temperature
Mass

- $8.68 \times 10^{25} \mathrm{~kg}$

Diameter

- 51,500 km

Atmosphere
Core

- hydrogen, helium, and methane

Named after

- molten rock


Other

- Greek god of the sky
- has 11 faint rings


## Neptune

| Position | - furthest planet from the sun |
| :--- | :--- |
| Distance from the sun | $-4,500,000,000 \mathrm{~km}$ |
| Temperature | $-215^{\circ} \mathrm{C}$ |
| Mass | $-49,500 \mathrm{~km}$ |
| Diameter | - hydrogen and helium |
| Atmosphere | - rocky |
| Core | - Roman god of the sea |
| Named after | - thirteen moons have been |
| Other | discovered so far |



## Earth

Position -
Distance from the sun - 150,000,000 km
Temperature - on average, $14^{\circ} \mathrm{C}$
Mass

- $5.98 \times 10^{24} \mathrm{~kg}$

Diameter

- 12,700 km

Atmosphere

- $78 \%$ nitrogen, $21 \%$ oxygen

Core

- alloy of iron and nickel

Named after - the normal word for the ground and soil
Other - the only place where we know that life has evolved

## Mars

Position

- fourth closest to the sun

Distance from the sun

- 228,000,000 km

Temperature

- minimum $-130^{\circ} \mathrm{C}$, maximum $20^{\circ} \mathrm{C}$

Mass
$-6.42 \times 10^{23} \mathrm{~kg}$
Diameter

- $6,800 \mathrm{~km}$

Atmosphere
Core

- very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$

Named after

- alloy of iron

Other

- has polar ice caps



## Jupiter

Position

- fifth closest to the sun

Distance from the sun - 778,000,000 km
Temperature

- $-150^{\circ} \mathrm{C}$

Mass
Diameter

- 140,000 km

Atmosphere

- very stormy, 75\% hydrogen, 25\% helium
Core
Named after
- liquid mettallic hydrogen, and perhaps a rocky core underneath

Other

- Roman king of the gods
- has 63 moons


## Neptune

Position

- furthest planet from the sun

Distance from the sun

- 4,500,000,000 km

Temperature
Mass

- $1.02 \times 10^{26} \mathrm{~kg}$

Diameter

- 49,500 km

Atmosphere

- hydrogen and helium

Core

- rocky

Named after

- Roman god of the sea


Other

- thirteen moons have been discovered so far


## science museum

## Earth

Position

- third closest to the sun

Distance from the sun

- 150,000,000 km

Temperature

- on average, $14^{\circ} \mathrm{C}$

Mass
Diameter
Atmosphere

- 12,700 km

Core

- $78 \%$ nitrogen, $21 \%$ oxygen

Named after

- alloy of iron and nickel
- the normal word for the ground and soil
Other - the only place where we know that life has evolved


## Mars

| Position | - fourth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-228,000,000 \mathrm{~km}$ |
| Temperature | $-\overline{6.42 \times 10^{23} \mathrm{~kg}}$ |
| Mass | $-6,800 \mathrm{~km}$ |
| Diameter | - very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$ |
| Atmosphere | - alloy of iron |
| Core | - Roman god of war |
| Named after | - has polar ice caps |
| Other |  |



## Uranus

Position

- seventh closest to the sun

Distance from the sun - 2,870,000,000 km
Temperature

- $-200^{\circ} \mathrm{C}$

Mass

- $8.68 \times 10^{25} \mathrm{~kg}$

Diameter

- 51,500 km

Atmosphere
Core

- hydrogen, helium, and methane

Named after

- molten rock

Other $\quad-\quad$ has 11 faint rings

## Neptune

| Position | - furthest planet from the sun |
| :--- | :--- |
| Distance from the sun | $-\left(-215^{\circ} \mathrm{C}\right.$ |
| Temperature | $-1.02 \times 10^{26} \mathrm{~kg}$ |
| Mass | $-49,500 \mathrm{~km}$ |
| Diameter | - hydrogen and helium |
| Atmosphere | - rocky |
| Core | - Roman god of the sea |
| Named after | - thirteen moons have been |
| Other | discovered so far |



Named after $<$

## Earth

Position

- third closest to the sun

Distance from the sun

- 150,000,000 km

Temperature

- on average, $14^{\circ} \mathrm{C}$

Mass

- $5.98 \times 10^{24} \mathrm{~kg}$

Diameter
Atmosphere

- 12,700 km

Core

- $78 \%$ nitrogen, $21 \%$ oxygen

Named after

- the normal word for the ground and soil
Other - the only place where we know that life has evolved


## Jupiter

Position - fifth closest to the sun
Distance from the sun
Temperature
$--150^{\circ} \mathrm{C}$
Mass
$-1.90 \times 10^{27} \mathrm{~kg}$
Diameter

- 140,000 km

Atmosphere

- very stormy, 75\% hydrogen, 25\% helium
Core
Named after
- liquid mettallic hydrogen, and perhaps a rocky core underneath

- Roman king of the gods

Other

- has 63 moons


## Uranus

Position

- seventh closest to the sun

Distance from the sun - 2,870,000,000 km
Temperature

- $-200^{\circ} \mathrm{C}$

Mass
Diameter

- $51,500 \mathrm{~km}$

Atmosphere

- hydrogen, helium, and methane

Core

- molten rock

Named after

- Greek god of the sky

Other

- has 11 faint rings


## Neptune

Position -
Distance from the sun - 4,500,000,000 km
Temperature

- $-215^{\circ} \mathrm{C}$

Mass
$-1.02 \times 10^{26} \mathrm{~kg}$
Diameter

- 49,500 km

Atmosphere

- hydrogen and helium

Core

- rocky

Named after

- Roman god of the sea


Other

- thirteen moons have been discovered so far


## science museum

## Mars

Position - fourth closest to the sun
Distance from the sun - $228,000,000 \mathrm{~km}$
Temperature

- minimum $-130^{\circ} \mathrm{C}$, maximum $20^{\circ} \mathrm{C}$

Mass
$-6.42 \times 10^{23} \mathrm{~kg}$
Diameter

- $6,800 \mathrm{~km}$

Atmosphere

- very thin, $95 \%$ carbon dioxide $\left(\mathrm{CO}_{2}\right)$

Core
Named after

- Roman god of war

Other

- has polar ice caps



## Jupiter

Position

- fifth closest to the sun

Distance from the sun

- 778,000,000 km

Temperature

- $-150^{\circ} \mathrm{C}$

Mass
$-1.90 \times 10^{27} \mathrm{~kg}$
Diameter

- 140,000 km

Atmosphere

- very stormy, 75\% hydrogen, 25\% helium
Core
Named after
- liquid mettallic hydrogen, and perhaps a rocky core underneath


Other

- Roman king of the gods
$\qquad$


## Saturn

| Position | - |
| :--- | :--- |
| Distance from the sun | $-1,430,000,000 \mathrm{~km}$ |
| Temperature | $-168^{\circ} \mathrm{C}$ |
| Mass | $-5.68 \times 10^{26} \mathrm{~kg}$ |
| Diameter | $-120,000 \mathrm{~km}$ |
| Atmosphere | -hydrogen and helium, with nitrogen, <br>  <br> sulfur and oxygen |
| Core | -liquid mettallic hydrogen around a <br>  <br> rocky core |
| Named after - Roman god of agriculture <br> Other - famous for its rings |  |

## Neptune

| Position | - furthest planet from the sun |
| :--- | :--- |
| Distance from the sun | $-4,500,000,000 \mathrm{~km}$ |
| Temperature | $--215^{\circ} \mathrm{C}$ |
| Mass | $-1.02 \times 10^{26} \mathrm{~kg}$ |
| Diameter | $-49,500 \mathrm{~km}$ |
| Atmosphere | - hydrogen and helium |
| Core | - rocky |
| Named after | - Roman god of the sea |
| Other | - |



## Jupiter

| Position | - fifth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-778,000,000 \mathrm{~km}$ |
| Temperature | $-150^{\circ} \mathrm{C}$ |
| Mass | $-1.90 \times 10^{27} \mathrm{~kg}$ |
| Diameter | $-140,000 \mathrm{~km}$ |
| Atmosphere | -very stormy, $75 \%$ hydrogen, $25 \%$ <br>  <br> $\quad$helium |

Core

- Roman king of the gods

Named after

- has 63 moons

Other


## Saturn

| Position | - sixth closest to the sun |
| :--- | :--- |
| Distance from the sun | $-1,430,000,000 \mathrm{~km}$ |
| Temperature | $--168^{\circ} \mathrm{C}$ |
| Mass | $-5.68 \times 10^{26} \mathrm{~kg}$ |
| Diameter | $-120,000 \mathrm{~km}$ |
| Atmosphere | -hydrogen and helium, with nitrogen, <br>  <br>  <br> sulfur and oxygen |

Core

- Roman god of agriculture

Other - famous for its rings

## Uranus

Position

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Distance from the sun - 2,870,000,000 km
Temperature

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Mass

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Diameter

- 51,500 km

Atmosphere

- hydrogen, helium, and methane

Core

- molten rock


Named after

- Greek god of the sky

Other $\qquad$

Neptune

| Position | - furthest planet from the sun |
| :--- | :--- |
| Distance from the sun | $-4,500,000,000 \mathrm{~km}$ |
| Temperature | $-215^{\circ} \mathrm{C}$ |
| Mass | $-1.02 \times 10^{26} \mathrm{~kg}$ |
| Diameter | $-49,500 \mathrm{~km}$ |
| Atmosphere | - hydrogen and helium |
| Core | - rocky |
| Named after | -thirteen moons have been <br> Other |
|  | discovered so far |



Named after discovered so far

## science museum

