

Welcome to the IGM Planetary Scavenger Hunt!

Scattered within the pages of the IGM.space website are the Planets, the Moon and the Sun of our solar system! Follow the rules below to begin your mission!

1. Observe the Planets, Moon and Sun in the Scavenger Hunt section of the Baffling Bamboozles page on IGM.space. Finding these animated celestial bodies is your mission.
2. The Planets, Moon and Sun are scattered and hidden a number of times throughout the entire website. Some will be easy to find while others are well hidden. Look under every graphic, menu or item on every page.
3. Clicking on each Planet, Moon and Sun will reveal a secret code number and answer to a matching question on the page below.
4. Fill in the answers and mark down the secret code number every time you find a new Planet, Moon or Sun. There are two options. Option-1: print out the form, fill it out and mail to the IGM Federation or Option-2: scan it and email it to InterGalacticMessengerfed@gmail.com.
5. Have fun and good luck!

FIND 4 SUNS'

Secret Code: _____

Q1: What type of star is the Sun?

A1: _____

Secret Code: _____

Q3: How is the energy in the Sun's core created?

A3: _____

Secret Code: _____

Q2: How many earths can fit in the sun?

A2: _____

Secret Code: _____

Q4: How long does the light from the Sun take to reach the Earth?

A4: _____

FIND 4 MERCURYS'

Secret Code: _____

Q1: How many Earth days equal one day on Mercury?

A1: _____

Secret Code: _____

Q3: How many spacecraft have visited Mercury?

A3: _____

Secret Code: _____

Q2: True or False: Mercury is the hottest planet in the solar system?

A2: _____

Secret Code: _____

Q4: What is the diameter of Mercury?

A4: _____

FIND 3 VENUS'

Secret Code: _____

Q1: Who sent the first mission to Venus?

A1: _____

Secret Code: _____

Q3: What is the average surface temperature of Venus?

A3: _____

Secret Code: _____

Q2: True or False: Venus has 2 moons?

A2: _____

FIND 4 EARTHS'

Secret Code: _____

Q1: What protects Earth from most of the effects of solar winds?

A1: _____

Secret Code: _____

Q3: : What causes the tides on Earth?

A3: _____

Secret Code: _____

Q2: How much of the Earth's surface is covered in water?

A2: _____

Secret Code: _____

Q4: What is the lowest point on Earth?

A4: _____

FIND 4 MOONS'

Secret Code: _____

Q1: What was the name of the first spacecraft to reach the Moon?

A1: _____

Secret Code: _____

Q3: Why does the sky always appear black on the Moon?

A3: _____

Secret Code: _____

Q2: How many people have walked on the Moon?

A2: _____

Secret Code: _____

Q4: Why does a person weigh much less on the Moon?

A4: _____

FIND 4 MARS'

Secret Code: _____

Q1: How many successful missions have made it to Mars?

A1: _____

Secret Code: _____

Q3: How long does it take for Mars to orbit around the Sun?

A3: _____

Secret Code: _____

Q2: What is the name of the tallest mountain on Mars?

A2: _____

Secret Code: _____

Q4: What is the atmosphere primarily composed of on Mars?

A4: _____

FIND 5 JUPITERS'

Secret Code: _____

Q1: How long is a day on Jupiter?

A1: _____

Secret Code: _____

Q3: How long has the Great Red Spot storm been raging on Jupiter?

A3: _____

Secret Code: _____

Q2: How many Earth years does it take Jupiter to orbit the Sun?

A2: _____

Secret Code: _____

Q4: True or False: Jupiter has rings?

A4: _____

Secret Code: _____

Q5: Who were the first people to record sightings of Jupiter?

A5: _____

FIND 4 SATURNS'

Secret Code: _____

Q1: What is Saturn mostly composed of?

A1: _____

Secret Code: _____

Q3: How many moons does Saturn have?

A3: _____

Secret Code: _____

Q1: Who discovered Uranus?

A1: _____

Secret Code: _____

Q3: How many rings have been
discovered around Uranus?

A3: _____

Secret Code: _____

Q2: How thick are Saturn's Rings?

A2: _____

Secret Code: _____

Q4: Which of Saturn's moons are mostly
composed of water, ice and rock?

A4: _____

FIND 4 URANAS'

Secret Code: _____

Q2: How many moons have been
discovered around Uranus?

A2: _____

Secret Code: _____

Q4: What is the surface temperature on
Uranus?

A4: _____

FIND 4 NEPTUNES'

Secret Code: _____

Q1: How many moons does Neptune have?

A1: _____

Secret Code: _____

Q3: How many Earth days does it take
Neptune to orbit the Sun?

A3: _____

Secret Code: _____

Q2: What is the highest wind
speed ever observed on Neptune?

A2: _____

Secret Code: _____

Q4: How many spacecraft have flown
by Neptune?

A4: _____

FIND 3 PLUTOS'

Secret Code: _____

Q1: How many moons does Pluto have?

A1: _____

Secret Code: _____

Q3: What year was Pluto reclassified
as a dwarf planet?

A3: _____

Secret Code: _____

Q2: How long does it take Pluto to
orbit around the Sun?

A2: _____

Email the completed [Scavenger Hunt Form](#) and [Submission Form \(page4\)](#) to
intergalacticmessengerfed@gmail.com

or Mail to:

IGM Federation Headquarters
Planet Earth
116 Mahan Street
West Babylon, NY 11704
USA

SCAVENGER HUNT SUBMISSION FORM

Please be sure to submit pages 1-4

Please be sure to print your name and address clearly

****Please do not write in cursive****

First Name: _____

Last Name: _____

Primary Email: _____

Secondary Email: _____

To receive your IGM "Iron-on patch" fill out your address information below.

All Information given to IGM will never be shared with outside business and/or Persons

Address: _____

City: _____

ST: _____

Zip: _____

Phone:(optional) _____

Date of Birth: (optional) _____



Circle the IGM character of your choice above for your free "Iron-on patch" selection.

Email the completed [Scavenger Hunt Form](#) and [Submission Form](#) to
InterGalacticMessengerfed@gmail.com

or Mail to: **IGM Federation Headquarters**
Planet Earth
116 Mahan Street
West Babylon, NY 11704, USA

Participants will receive a FREE IGM "Iron-on patch" of their choice.
Circle the character or logo to the left to select your "Iron-on patch"
Anyone that answers **all the questions correctly** will also receive a \$25.00
voucher towards any purchase at Kit & Kaboodle on our IGM.space site.

If you have any questions please email:
InterGalacticMessengerfed@gmail.com
Limit one entry per household

Please scan in or take pictures of pages 1-4 and attach them to your email.
The attachments must be in a: [PDF](#), [JPEG](#) or [PNG](#) format **MAX 10MB**
When mailing completely fill in all 4 pages of the scavenger hunt and mail
ALL 4 pages. (Please no cursive)

To Submit Online: go to the Baffling Bamboozles page and click "Submit Scavenger Hunt Forms"