



World Space
Week OCTOBER 4-10

World Space Week Word-search

“Living In Space”



In 1999, World Space Week was declared by the United Nations as a world-wide celebration of the exploration of space.

It runs every year from October 4 - the anniversary of the launching of Sputnik 1 in 1957 - to October 10 - the anniversary of the signing of the Outer Space Treaty in 1967.

The theme of World Space Week 2025 is “Living In Space”. Here is a fun way of joining the celebrations.

The words in bold text are hidden in the grid. Once you have found them all, the letters that are left over will spell out a message. Can you find the message, and do you know where it comes from?

When you find it, write to jerry.stone@bis-space.com There are no prizes - This is just for fun.

--- o o ---

In 1969, Professor **Gerard O'Neill** at Princeton University began exploring the idea of space colonies that could house thousands of people. The first design came to be known as **Island One** and was based on a **sphere**, like the ideas from **JD Bernal** 40 years earlier. Larger designs were based on a **torus** (**Island Two**) and a **cylinder** (**Island Three**).

Instead of being in Low Earth **Orbit** like most other spacecraft, they would be at the distance of the **Moon**, at the L4 or L5 points, calculated by **Joseph Lagrange** in 1772.

The habitats would rotate to produce **artificial gravity**. One of their main products could be large structures to provide **space-based solar power** to Earth, beaming converted sunlight to a ground-based **rectenna**.

Apart from the physical design of the structure, their **ecology** would have to be carefully planned.

The British Interplanetary Society (**BIS**) ran **the SPACE Project** (Study Project Advancing **Colony Engineering**) to update the original design. This also resulted in a new concept for a small-scale structure, designated **Island Zero**. This has various options, including a large version named the **Marina**. The components could be launched by the UK-designed **Skylon** spaceplane.

O	R	B	I	T	D	N	A	L	S	I	A	N
E	R	E	C	T	E	N	N	A	O	W	L	E
I	F	E	D	N	A	L	S	I	L	A	W	C
C	O	L	O	N	Y	A	I	T	A	S	E	O
Y	L	A	I	C	I	F	I	T	R	A	C	L
M	A	R	I	N	A	L	O	S	U	I	A	O
N	G	R	A	V	I	T	Y	T	L	N	P	G
M	R	T	H	R	E	E	T	C	R	A	S	Y
O	A	H	H	E	P	O	W	E	R	U	N	O
O	N	E	D	E	S	A	B	J	R	F	F	D
N	G	E	R	A	R	D	J	O	S	E	P	H
W	E	O	I	R	J	L	T	R	R	D	C	O
L	O	N	O	L	Y	K	S	P	H	E	R	E
N	I	B	I	S	L	A	N	D	E	S	Z	.

The British Interplanetary Society is the world’s longest-running space organisation. Founded in 1933. It publishes a Journal and the monthly magazine, “Spaceflight”.

www.bis-space.com

© 2025 BIS