



## IT'S NOT ROCKET SCIENCE

### Guia didàctica per als educadors

*Els exercicis d'aquesta guia estan pensats per a alumnes dels cicles mitjà i superior. A les tres primeres pàgines hi ha les recomanacions per abans i després de veure la funció, i també la solució als exercicis. De la pàgina 4 a la pàgina 11 hi ha les fitxes per als alumnes. Si hi hagués qualsevol aspecte que no estigués prou clar tindrè molt de gust d'ajudar-te. Em pots enviar qualsevol consulta que vulguis a [info@ruskus-patruskus.com](mailto:info@ruskus-patruskus.com).*

### Abans de la funció

**It's not Rocket Science** és una obra molt visual. El llenguatge sempre s'acompanya d'accions visuals molt clares. Gràcies a això els alumnes podran entendre i gaudir de l'espectacle independentment del seu nivell d'anglès.

Tanmateix, per tal que els infants en treguin el màxim profit, uns dies abans de la representació es recomana fer dues coses:

1. Repassar el vocabulari.
2. Comentar breument la sinopsi.

### Vocabulary

rocket	message	astronaut	<b>Planets</b>  Mercury, Venus, Earth (and Moon), Mars, Jupiter, Saturn, Uranus, Neptune and Pluto*.  <b>Radio communication expressions</b>  <b>“roger”</b> : <i>I have received all of the last transmission.</i> <b>“over”</b> : <i>I have finished talking and I am listening for your reply.</i> <b>“over and out”</b> : <i>I have finished talking to you and do not expect a reply.</i>
science	molecule	space	
alien	engine	landing	
planet	secret agent	Milky Way	
sun	radio transmitter	hidden	
galaxy	countdown	lost	
star	space	home	
atom	life	come back	
launch pad	mission	liftoff	
travel	hot	ignition	
adventure	launching	big	
ring	cold	small	
solar system	space helmet	tiny	
route	spaceship	cloudy	
extraterrestrial	spacecraft	satellite	
	constellation		

*\* Pluto is no longer considered a planet, but a dwarf-planet instead.*



Aquesta és la solució de la resta de la fitxa:

- A visitor from another planet is an **ALIEN**
- The rocket is ready for **LIFTOFF**
- If you want to go to outer space you should become an **ASTRONAUT**
- The name of our planet is the **EARTH**
- Saturn has many beautiful **RINGS**
- Our galaxy is called the **MILKY WAY**
- If we want to travel through space we need a **SPACESHIP**
- If you look at the sky in a cloudless night it is likely that you will see lots of **STARS**
- The closest star to us is the **SUN**
- We cannot see atoms because they are incredibly **SMALL**

**4. ON TRAVEL!** (pàg. 7). A la dreta hi ha la solució a la sopa de lletres. Les files i les columnes del requadre coincideixen amb les del dibuix del coet.

**5. LOST IN SPACE** (pàg. 8). La idea és que els infants repassin el nom dels planetes en anglès. Com a ajuda, en el requadre de sota hi ha el nom de tots els planetes. Solució:

1. Mercury
2. Venus
3. Earth
4. Mars
5. Jupiter
6. Saturn
7. Uranus
8. Neptune
9. Pluto



**6. A WINDOW TO OUTER SPACE** (pàg. 9). Els infants han de posar a cada frase les coordenades que corresponguin, com en el vell joc de la batalla naval. Solució:

- A black rocket: A3
- A planet: A2
- Some aliens travelling through space: B3
- An astronaut orbiting the Earth: C1
- A white rocket: B1
- An alien spaceship: C3
- Three tiny stars: B2
- The biggest star: A1
- Two planets and two stars: C2

**7. ALIEN FAREWELLS** (pàg. 10). Representa que els extraterrestres parlen al revés, així que per entendre'ls els alumnes han d'escriure les frases a la inversa, és a dir, començant per l'última lletra i acabant per la primera. Solució:

Foreground alien: "You are very funny! Come back soon to visit us again!"

Rest of aliens: "We love you and we will miss you a lot!"

**8. FREE DRAWING** (pàg. 11). Els infants poden dibuixar allò que més els hagi agradat de l'obra. Si vols pots enviar fins a dos dibuixos per classe a [info@ruskus-patruskus.com](mailto:info@ruskus-patruskus.com), i amb molt de gust els penjaré a la [galeria de dibuixos de la meva web](#).

# YOUR FIRST MISSION

space helmet

satellite

mission

secret agent

spacecraft

route

science

extraterrestrial

launch pad

countdown

adventure

over

Hi! This is your first mission:  
read the words in the column on  
the left, and then write them  
correctly in the sentences below.  
Good luck! Over and out.



- A \_\_\_\_\_ is a vehicle used to fly in outer space.
- If you are using a radio transmitter, you should say " \_\_\_\_\_ " when you have finished talking.
- Scientist haven't found any proof of \_\_\_\_\_ life yet.
- Rockets are launched from a \_\_\_\_\_.
- Counting in reverse is called a \_\_\_\_\_.
- A \_\_\_\_\_ is a part of a space suit.
- We must go to another planet to accomplish our \_\_\_\_\_.
- Check out your \_\_\_\_\_ carefully, otherwise you could get lost in space!
- You should know a lot about \_\_\_\_\_ to become an astronaut.
- The Moon is the \_\_\_\_\_ of the Earth.
- Don't tell anybody that you are a \_\_\_\_\_.
- We are ready to begin an exciting new \_\_\_\_\_!

# SCIENCE!



Science is so amazing!  
It allows us travelling the  
space and exploring the  
wonders of the universe.

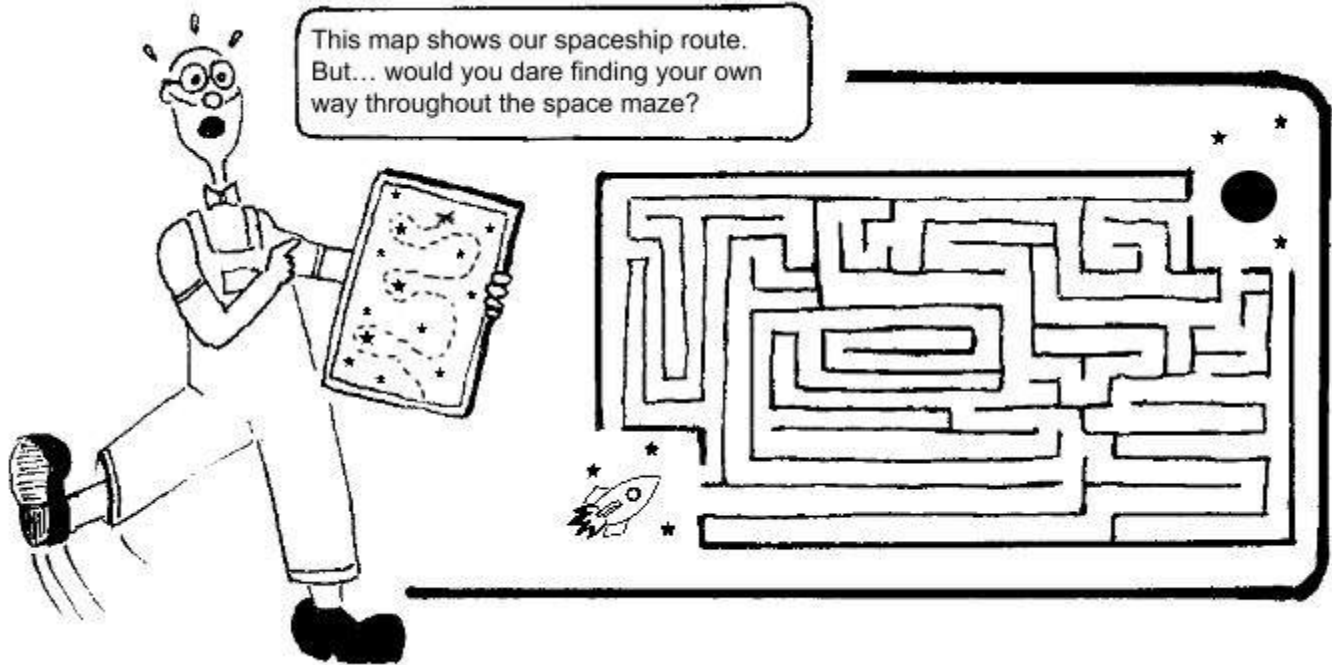
Make a short writing (no  
less than 15 words and  
no more than 40) about  
what you like most  
about science.

In your writing you must  
use the words  
SCIENCE, ROCKET,  
TRAVEL, LIFE and  
PLANET.

Are you ready? Go  
ahead!

A large, empty rounded rectangular box for writing.

# FIND YOUR WAY

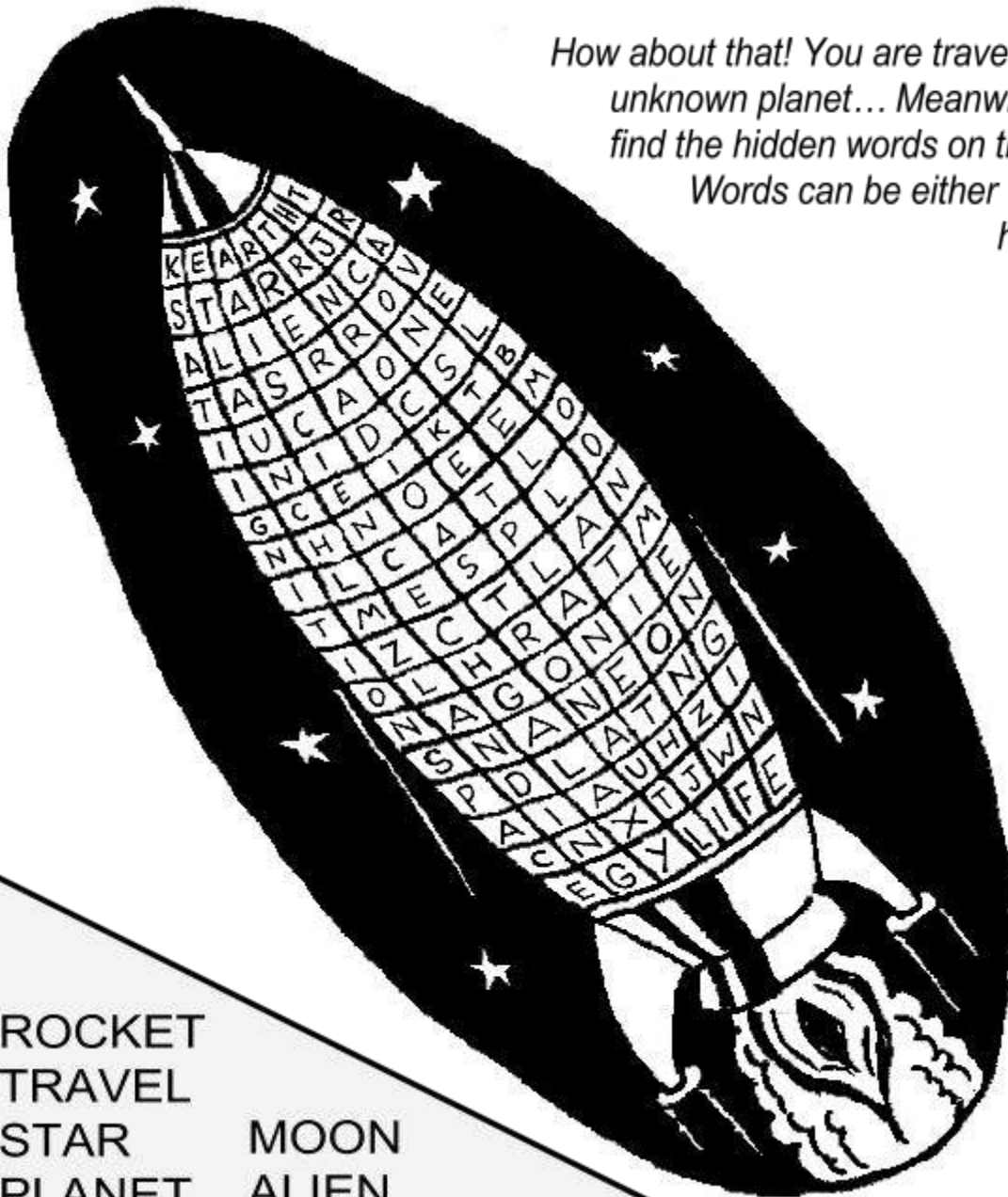


Did you get it? Great! Now draw a line from each sentence on the left to its corresponding missing word on the right.

- |  |           |
|--|-----------|
| • A visitor from another planet is an  | STARS     |
| • The rocket is ready for  | MILKY WAY |
| • If you want to go to outer space you should become an                              | EARTH     |
| • The name of our planet is the  | SMALL     |
| • Saturn has many beautiful  | SPACESHIP |
| • Our galaxy is called the   | ASTRONAUT |
| • If we want to travel through space we need a                                       | SUN       |
| • If you look at the sky in a cloudless night it is likely that you will see lots of | LIFTOFF   |
| • The closest star to us is the  | ALIEN     |
| • We cannot see atoms because they are incredibly                                    | RINGS     |

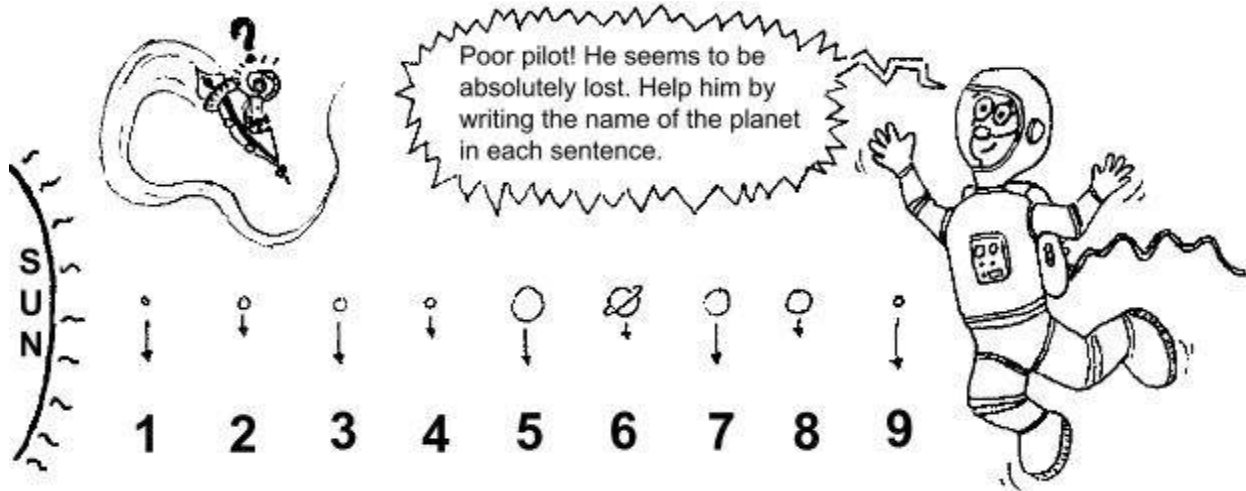
# On travel!

How about that! You are travelling to an unknown planet... Meanwhile, try to find the hidden words on the rocket. Words can be either vertical or horizontal.



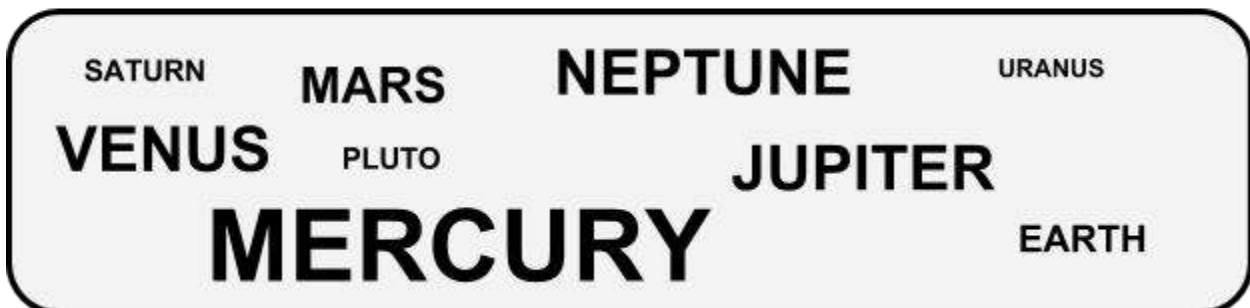
ROCKET		
TRAVEL		
STAR	MOON	
PLANET	ALIEN	
LANDING	ENGINE	EARTH
GALAXY	LIFE	SCIENCE
RADIO	IGNITION	ASTRONAUT
LAUNCH	SPACE	CONSTELLATION

# LOST IN SPACE



1. It's really hot out there! (7 letters) \_\_\_\_\_
2. A very cloudy planet (5 letters) \_\_\_\_\_
3. Our sweet home... (5 letters) \_\_\_\_\_
4. Its color is red (4 letters) \_\_\_\_\_
5. The biggest planet of our solar system (7 letters) \_\_\_\_\_
6. It has beautiful rings (6 letters) \_\_\_\_\_
7. It is a very big blue planet (6 letters) \_\_\_\_\_
8. The god of the sea in ancient Rome (7 letters) \_\_\_\_\_
9. It has the name of a dog! (5 letters) \_\_\_\_\_

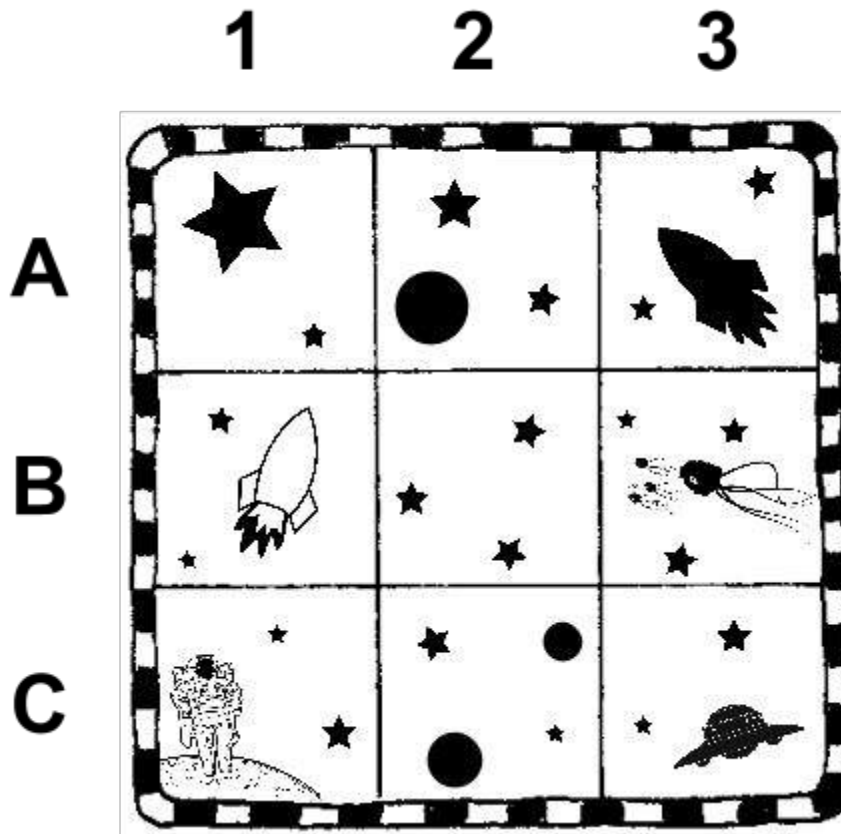
*The names of the planets (unordered list)*





# A window to outer space

Imagine that you are in a spaceship in outer space. Then you look at the window and... what do you see? Write the position of the objects indicated in each sentence (e.g., "Two stars and one planet: A2").



1. A black rocket: \_\_\_\_
2. A planet: \_\_\_\_
3. Some aliens travelling through space: \_\_\_\_
4. An astronaut orbiting the Earth: \_\_\_\_
5. A white rocket: \_\_\_\_
6. An alien spaceship: \_\_\_\_
7. Three tiny stars: \_\_\_\_
8. The biggest star: \_\_\_\_
9. Two planets and two stars: \_\_\_\_

# Alien Farewells

Our mission is over,  
and we are travelling  
back home!

Aliens and we got good  
friends. When we leave  
the planet, they kindly  
say good-bye to us.

But their language  
sounds weird: they  
speak backwards!

To understand what  
they say you must  
rewrite each sentence,  
letter by letter, from the  
end to the beginning!



What does the alien in the foreground says?

What do the rest of aliens say?

# *Free drawing*

*Make a free drawing of what you liked most of the show!*



A large, empty rectangular box with a thick black border, intended for a free drawing. The top-left corner of the box is cut off at a 45-degree angle.