



INSTRUCCIONES



ESA – EUROPEAN SPACE AGENCY

1. ENTRA EN LA PÁGINA [HTTP://WWW.ESA.INT/KIDS/EN/LEARN](http://www.esa.int/kids/en/learn) O BUSCA EN GOOGLE “ESA KIDS ENGLISH”
2. LEE DETENIDAMENTE LOS TÍTULOS Y ELIGE LOS 3 QUE MAS TE LLAMEN LA ATENCIÓN.
3. ORDENA LOS TÍTULOS DEL QUE MÁS TE GUSTE (1) AL QUE MENOS TE GUSTE (3).
4. ESCRIBE LOS 3 TÍTULOS EN ORDEN EL LUNES EN EL FOLIO QUE TENDRÁ EL DELEGADO JUNTO CON TU NOMBRE.



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1. **COMPRUEBA EL TEMA** EN EL QUE TIENES QUE TRABAJAR.
2. **BUSCA TU TEMA** EN LA SECCIÓN APRENDE/LEARN DE LA PÁGINA WEB DE ESA KIDS (<https://www.esa.int/kids/en/learn>).
3. RECUERDA QUE EL TRABAJO DEBE SER **EN INGLÉS** Y QUE TODO EL CONTENIDO DE ESTA PÁGINA ESTA EN INGLÉS Y CASTELLANO.
4. DEBES REALIZAR UNA **PRESENTACIÓN** DE TU TEMA AJUSTÁNDOTE AL CONTENIDO INDICADO A CONTINUACIÓN.
5. CADA ALUMN@ DEBERÁ **SUBIR SU DIAPOSITIVA** A CLASSROOM, CON EL NOMBRE 1ESO-ESA-”NOMBRE DE ALUMN@”, EJ. 1ESO-ESA-GUILLERMO
6. CADA ALUMN@, CON AYUDA DE SU DIAPOSITIVA **PRESENTARA SU TEMA EN INGLÉS** A SUS COMPAÑER@S, DURANTE 2 A 3 MINUTOS.



CONTENIDO

HOW DOES A ROCKET WORK?



PHOTO: ESA SPACE ROCKET ARIANE 5

INTRODUCTION

HAVE YOU NOTICED WHAT HAPPENS IF YOU LET THE AIR OUT OF A BALLOON? THE AIR GOES ONE WAY AND THE BALLOON MOVES IN THE OPPOSITE DIRECTION. ROCKETS WORK IN MUCH THE SAME WAY. EXHAUST GASES COMING OUT OF THE ENGINE NOZZLE AT HIGH SPEED PUSH THE ROCKET FORWARD.

ROCKET TECHNOLOGY

MOST MODERN LAUNCHERS, SUCH AS EUROPE'S ARIANE 5, ARE VERY COMPLICATED AND WEIGH HUNDREDS OF TONNES AT LIFTOFF. MOST OF THIS WEIGHT IS FUEL, SUCH AS LIQUID HYDROGEN AND LIQUID OXYGEN.

ROCKETS NEED SO MUCH FUEL IN ORDER TO OVERCOME EARTH'S GRAVITY. ONLY WHEN THEY REACH A SPEED OF 28 000 KM/H ARE THEY TRAVELLING FAST ENOUGH TO ENTER ORBIT.

CONCLUSION

NOWADAYS, A LOT OF EFFORTS ARE BEEN SPENT IN SPACE TECHNOLOGY. PROBABLY, IN ONE OR TWO DECADES WE WILL BE ABLE TO TRAVEL TO MARS OR FURTHER.



CONTENIDO

TITLE

HOW DOES A ROCKET WORK?

ONE OR TWO ILLUSTRATION



PHOTO: ESA SPACE ROCKET ARIANE 5

AN INTRODUCTION PARAGRAPH

HAVE YOU NOTICED WHAT HAPPENS IF YOU LET THE AIR OUT OF A BALLOON? THE AIR GOES ONE WAY AND THE BALLOON MOVES IN THE OPPOSITE DIRECTION. ROCKETS WORK IN MUCH THE SAME WAY. EXHAUST GASES COMING OUT OF THE ENGINE NOZZLE AT HIGH SPEED PUSH THE ROCKET FORWARD.

Explain what you are talking about
(2 or 3 sentences)

DEVELOP YOUR TOPIC

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Explain what you are talking about
(7 or 8 sentences)

ROCKETS NEED SO MUCH FUEL IN ORDER TO OVERCOME EARTH'S GRAVITY. ONLY WHEN THEY REACH A SPEED OF 28 000 KM/H ARE THEY TRAVELLING FAST ENOUGH TO ENTER ORBIT.

CONCLUSION PARAGRAPH

NOWADAYS, A LOT OF EFFORTS ARE BEING SPENT IN SPACE TECHNOLOGY. PROBABLY IN ONE OR TWO DECADES WE WILL BE ABLE TO TRAVEL TO MARS OR FAR AWAY.

Explain what is your opinion or conclusion
(3 or 4 sentences)