

# SPACE CAREER GAME

STEM Careers Game:

A fun game for kids to discover new possible careers in the future.



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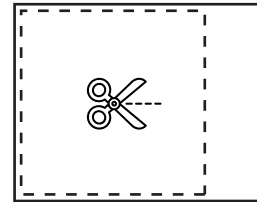


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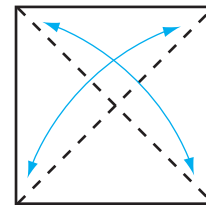
STEP 1

Print out page 1 of this document and cut along the dotted lines.



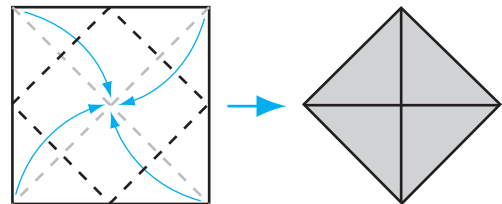
STEP 2

Fold the top left corner to the bottom right corner to make a diagonal fold line. Then repeat - fold the top right corner to the bottom left corner to make another diagonal fold line.



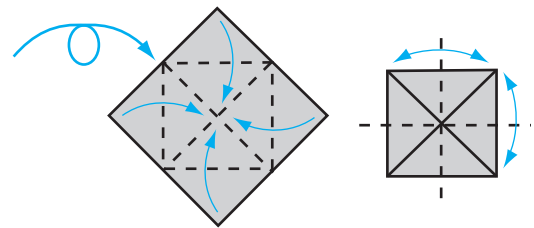
STEP 3

Notice that the two diagonal lines cross in the middle. Now fold every corner to the centre to make a triangle out of each corner.



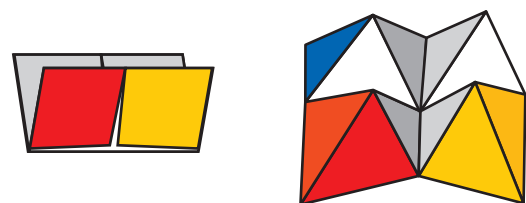
STEP 4

Turn the paper over. Repeat step 3.

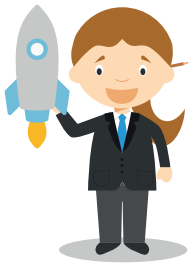


STEP 5

Fold the paper in half to make another fold line. Then place your fingers in the finger holds and open them until the toy takes shape.



# CHARACTER DESCRIPTIONS

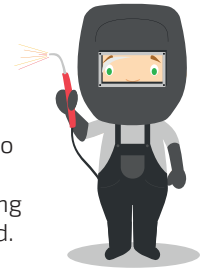


## PROPULSION ENGINEER

A propulsion engineer improves the performance and reliability of rocket motors, jet engines, and compressors. These engineers work primarily in the aerospace industry to design propulsion systems and parts such as propellant systems, engines, pumps, pressurization tanks, and control systems.

## WELDER

A Welder is a tradesperson who specialises in fusing materials together. Welders typically have to have good dexterity and attention to detail, as well as the technical knowledge about the materials being joined and best practices in the field.



## CHEMICAL ENGINEER

A Chemical Engineer is involved in the design and development of a diverse range of products. Chemical Engineers focus on changing the chemical, biochemical and physical state of a substance to turn it into something else, such as making plastic from oil.

## ROCKET ENGINEER

A Rocket Engineer is an engineer who builds and tests rockets. They are employed in industries in which workers design or build aircrafts, systems for national defence or spacecrafts.



## AVIONICS ENGINEER

An Avionics Engineer designs and develops aircraft and spacecraft avionic instrumentation. They also conduct research to address problems associated with flight safety systems, landing gear and electronic navigation systems.

## OPERATIONS ENGINEER

Makes sure a company's operations like manufacturing and shipping, work correctly and meet specifications. They also handle any repairs or upgrades or maintenance to the machinery. Their job is to make everything run smoothly and to improve efficiency



## MECHANICAL ENGINEER

Mechanical Engineers research, design, develop, build, and test mechanical and thermal devices, including tools, engines, and machines. A Mechanical Engineer will typically analyse test results and change the design as required, while overseeing the overall manufacturing process.

## HEALTH AND SAFETY OFFICER

A Health and Safety Officer is responsible for preventing accidents and injuries in the workplace, ensuring that all staff are provided with a safe and secure environment to work in. Typical responsibilities include performing risk assessments and carrying out site inspections.

