

WHAT IS RESEARCH AND DEVELOPMENT (R&D)?

- R&D is work directed toward the innovation, introduction and improvement of products and processes. It's about making things better!
- R&D combines basic and applied research and aims to discover solutions to problems.
- R&D is any research study used to gain knowledge of science or engineering principles and phenomena.
- R&D is exploring new technologies.
- R&D is testing and evaluation as part of any of the work described above.

WHAT IS INNOVATION?

- Innovation is a new way of doing things – for example, a new idea or method, or growth.
- According to the Harvard Business Review, almost every innovative idea begins life as a small-scale experiment, and innovative leaders demonstrate curiosity and lead courageously!
- Anyone can be an innovator!

WHY ARE R&D AND INNOVATION IMPORTANT?

- R&D directly affects the technology of the future: how we operate in the world, from the tools that we use, what we drive, all the way to exploring and learning about outer space.
- R&D is constantly evolving and changing. Every day is different!
- Innovation is inherently ahead of the curve – it can lead to the invention of new things and is cutting edge.

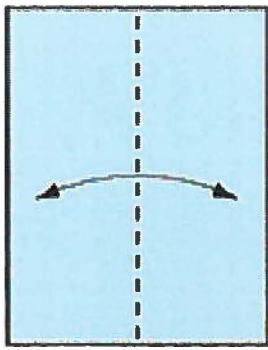
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CONSIDER A CAREER IN STEM
You will change the world, and it will change your life!

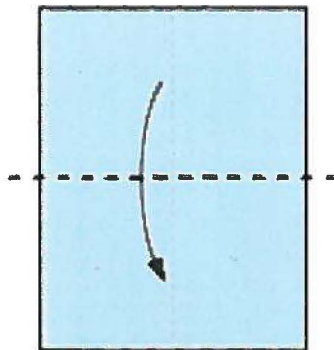


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HEADQUARTERS
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WASHINGTON, DC 20593-7816

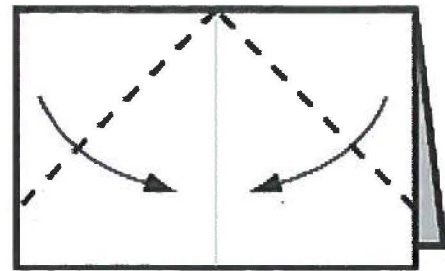




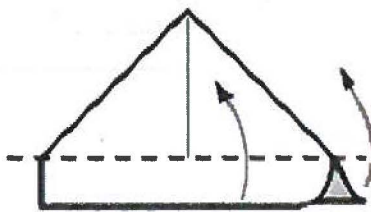
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HALF



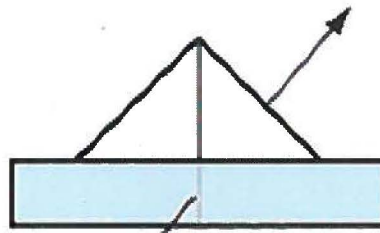
2. FOLD IN
HALF AGAIN



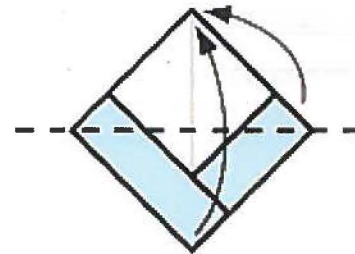
3. FOLD IN
CORNERS



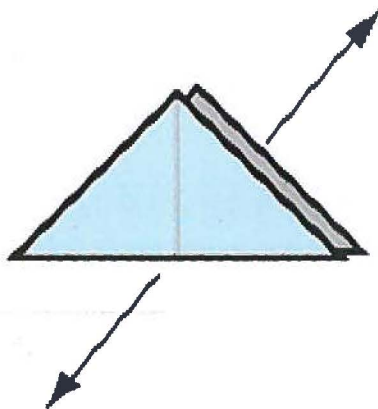
4. FOLD UP
EDGES ON
BOTH SIDES



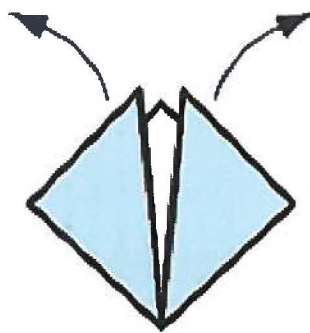
5. PULL THE
SIDES OUT
AND FLATTEN



6. FOLD FRONT
AND BACK
LAYERS UP



7. PULL SIDES
APART AND
FLATTEN



8. PULL TOP
FLAPS
OUTWARDS



9. SQUISH THE
BOTTOM AND
PULL THE SIDES
UP

10. TA DAAA!

