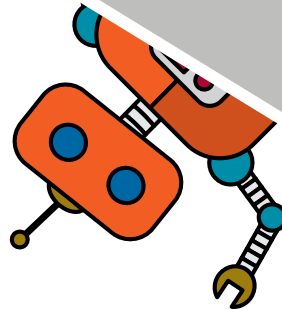
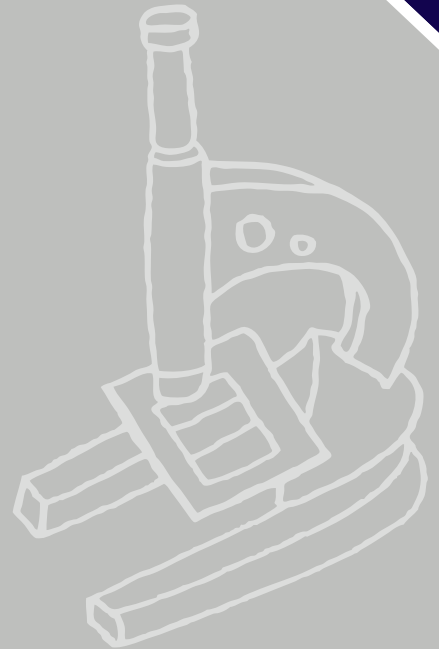




leidos



Imagination to Innovation

JUNIOR INNOVATORS CHALLENGE

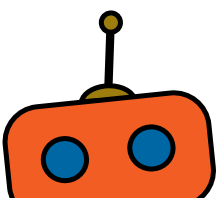
Getting to know Leidos

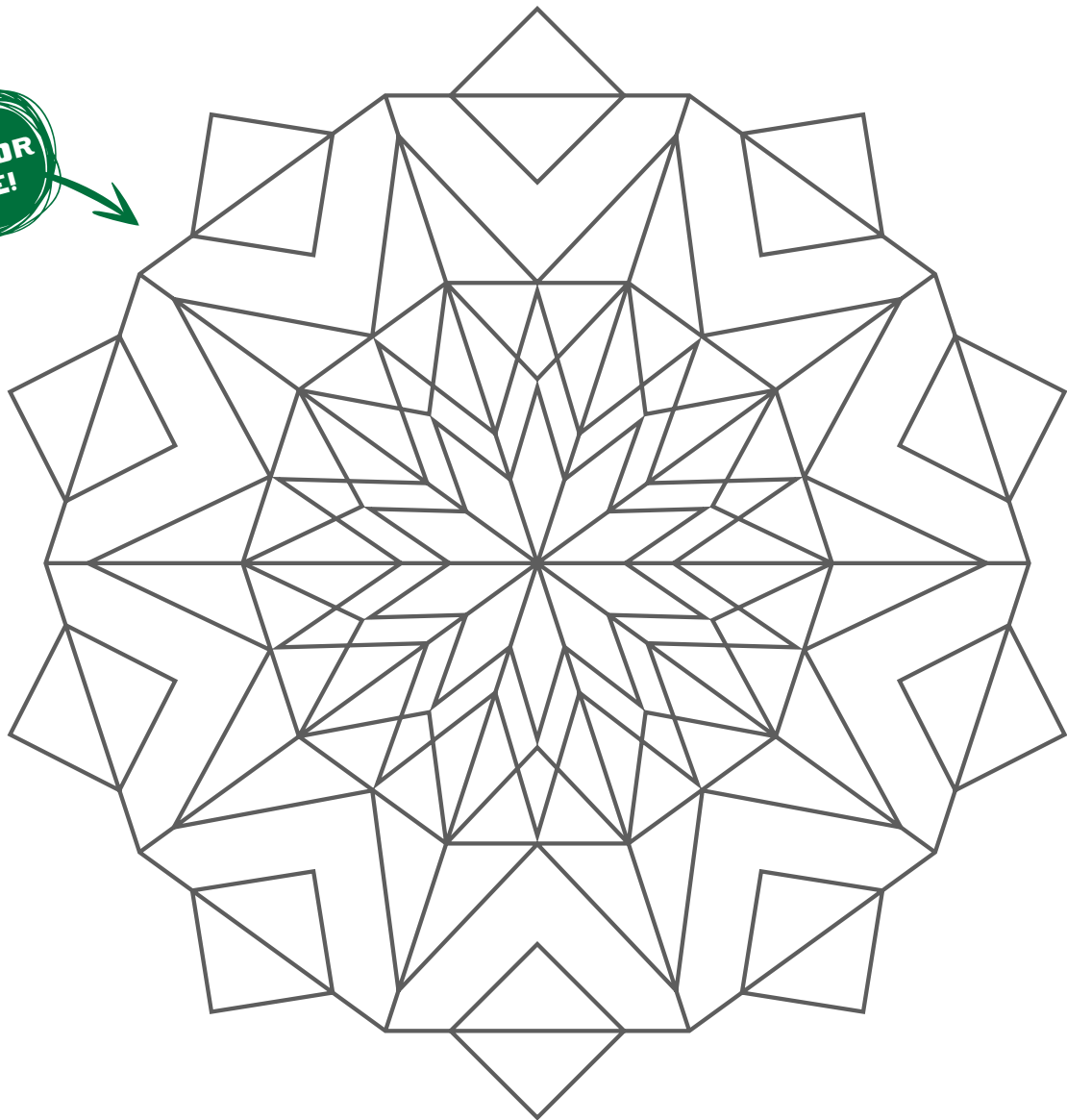
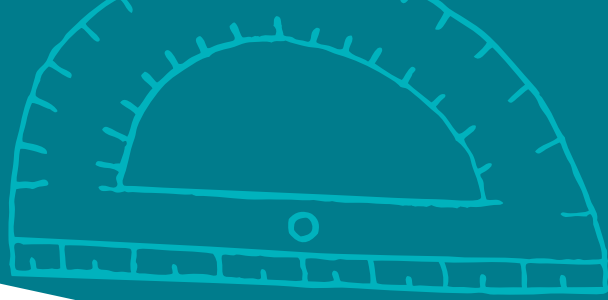


$$\Delta v = v_e \ln \left(\frac{m_i}{m_f} \right)$$

What is Leidos?

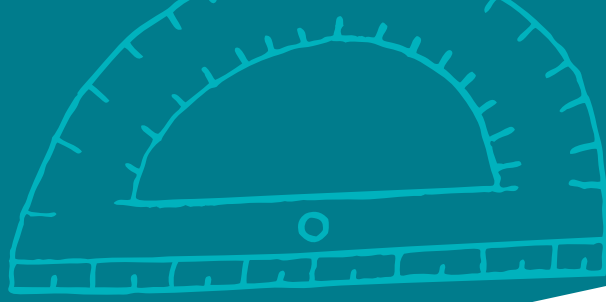
Reston, VA is home, but our hundreds of offices in America and around the world are working to solve the world's toughest challenges using information technology, engineering and science. We have a lot of employees – around 45,000, to be exact – and their imagination to innovation helps the government and other companies be better each and every day.





Did you know our name
comes from the word **Kaleidoscope**?

This toy reminds us of our company because of our ability to approach a problem
from multiple angles at the same time.



What does Leidos do?

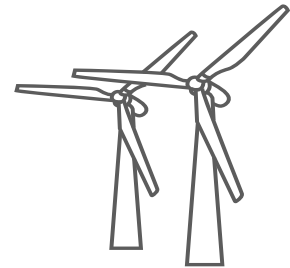
Make our world
SAFER



Make our world
HEALTHIER



Make our world
MORE EFFICIENT



Here are three examples of important work that we do...

How would you know if
the items a truck is
transporting are safe?

Maybe a giant x-ray machine?

If only we had such a device.



Scan QR code to play video

Sometimes based on where you
live, you may have a hard time
finding a doctor.

We have a solution –
a Dr.'s office on wheels!



Scan QR code to play video

How do you deliver food to
scientists researching in the
highest, driest, coldest, windiest
and emptiest place on earth?

We came up with a way to
supply Antarctica!



Scan QR code to play video

$$\left(\frac{jm}{\hbar^2} \right) \nabla^2 \psi = -E \psi$$



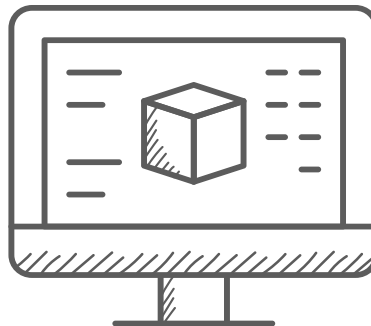
How we do it.



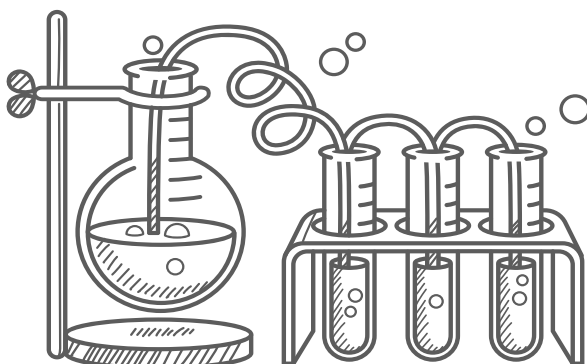
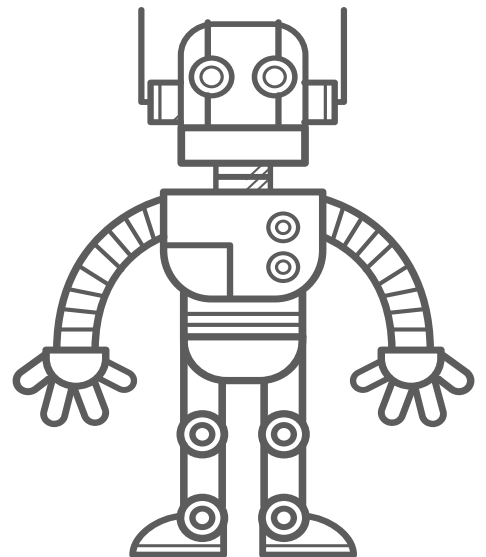
We seek to
solve the world's
biggest problems



**INFORMATION
TECHNOLOGY**



ENGINEERING



SCIENCE

$$\Delta v = v_e \ln \left(\frac{m_i}{m_f} \right)$$



JUNIOR INNOVATORS CHALLENGE

Imagination to Innovation

STEM-OVATOR

HOW TO MAKE LIGHTENING

Pencil with an eraser, aluminum tray or pie tin, wool cloth, Styrofoam plate, thumbtack

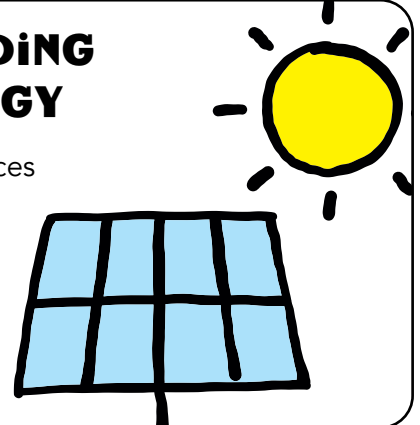
[CLICK HERE](#)



UNDERSTANDING SOLAR ENERGY

Six colored square pieces of paper (one must be black and one white), six ice cubes of the same shape and size

[CLICK HERE](#)



HOW SOAP WORKS

Plate, water, dish soap, pepper

[CLICK HERE](#)



WRITING A SECRET MESSAGE

Cotton swab, milk or lemon juice, heat source

[CLICK HERE](#)



HOW DO STALACTITES FORM?

Baking soda, safety pin, two glass jars, wool yarn, water

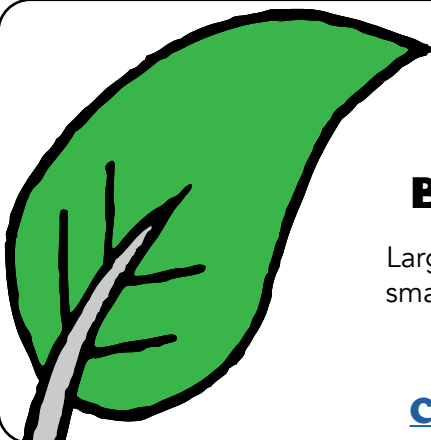
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HOW DO LEAVES BREATHE?

Large leaf, large bowl, small rock, magnifying glass (optional)

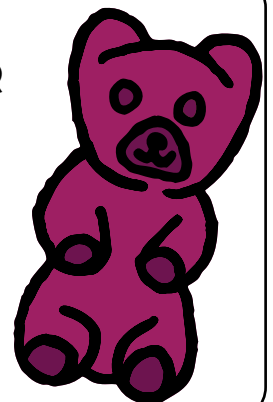
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WILL THE GUMMY BEAR GROW?

Two small bowls, water, salt and gummy bears

[CLICK HERE](#)



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