

# See DNA

Reveal the  
building blocks of life!





## Try this!

1. Use a pipette to fill a plastic tube halfway with wheat germ liquid.

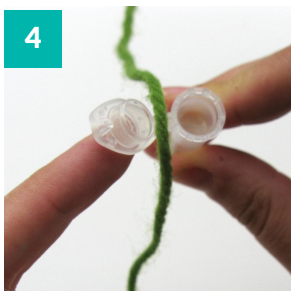


2. Use the dropper bottle to add alcohol to the tube. Fill it almost all the way to the top.



3. Snap the lid shut and gently rock the tube a few times. Look inside. Can you see anything forming in the tube?

Those clumps are made of wheat DNA! Every living thing contains DNA, which stands for *deoxyribonucleic acid*. DNA gives cells the instructions they need to grow and do their jobs.



4. Open the lid, and put a piece of yarn over the edge of the cap. Snap it shut again and tie the yarn. Now you have a DNA necklace!

## Talk about it...

This DNA comes from wheat germ. What kind of instructions do you think the DNA from a wheat plant contains? Would any of these instructions be useful in a different organism?

Can you think of a change we could make to a wheat plant's DNA to make it more useful to us?