

Instructions

Contents:

- 4 people cards
- 4 role description cards
- 4 equipment cards
- 4 creative cards
- 4 blank cards

Additional items you will need:

- Scissors
- A pencil/pen
- Colouring pencils

Guidelines

This activity helps you explore different roles within a lab environment, build your own team, and think of experiments and challenges. You will be cutting out the different hexagons and creating your own lab life.

WHAT WOULD YOU BECOME?

Step 1 - Pick a person

Choose a hexagon with a person on it. This could be because you think they are interesting, or they look like you. Or you can draw your own person on one of the blank hexagons. Cut it out.

Step 2 - Match your personality and skills with a role card

Read about the different roles found within a lab environment and choose the hexagon with a description on it which best describes your personality and skills. Cut it out.

Step 3 - Choose your equipment

You will need tools for your job. Choose the equipment you would like to use (you can pick as many hexagons as you like). If you'd like different equipment you can draw/list them on one of the blank hexagons. Cut it out.

Step 4 - Creative time

Now it's time to let your imagination loose in whatever way you choose! Draw your work space, think of a problem you would like to solve, design an experiment, or create your dream team.

My Workspace - Where would you like to work? Would it be an office, a laboratory, outdoors, or somewhere completely different?

My Challenge - Do you want to invent a cure for a disease, make a film, or solve an equation?

My Team - Who do you want to work with? You could pick other people in the hexagons from Step 1, or draw/write about your ideal teammates on a blank hexagon. Could you work with your best friend or even a superhero?

My Experiment - What do you want to test and try? Have you performed an experiment that you really enjoyed? You could draw or write about it on this hexagon. Can you think of something new you would like to do?

Put all your hexagons together and let your imagination run wild!



Instructions

Original concept
by Nicola Wilson

Illustration by
Tess Duffin

WHAT WOULD **YOU** BECOME?

Example Cards

Imagine lab life by getting creative with your cards!



Thank you to the young people, parents and teachers at Cambourne Crescent Islamic School, Monkfield Park Primary School and all at the University of Cambridge who helped us create this activity.

We hope you have fun imagining your life in the lab!

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Discover more at www.stemcells.cam.ac.uk/engage or email engage@stemcells.cam.ac.uk



WHAT WOULD YOU BECOME?



Step 1 - Pick a person

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WHAT WOULD YOU BECOME?

Experimentalist

I am a **CURIOUS** and **CREATIVE** person, who likes to **SOLVE PROBLEMS** and asks lots of questions.

I need to come up with different ways to be able to understand how something works.

I enjoy working in a **TEAM** and need to have good **COMMUNICATION SKILLS** to be able to explain my thinking, my experiments and the findings from the data to others.

Bioinformatician

I am **LOGICAL**, I like to **SOLVE PROBLEMS** and I enjoy **COMPUTER SCIENCE**.

My role is to interpret and visualise **DATA** as well as discover new and exciting findings within the data.

I enjoy working with **COMPUTERS** and perform lots of **PROGRAMMING** and **CODING**. I have good **COMMUNICATION** skills.

Science communication

I am **ENTHUSIASTIC** and **CREATIVE**, and like to **COMMUNICATE** with people.

My role is to share scientific findings with people who aren't scientists.

I need to be able to **INTERPRET COMPLEX INFORMATION** and find exciting ways to share the information in ways that can be understood.

I use different methods (words, pictures, sounds and videos) to **MAKE SCIENCE MORE ACCESSIBLE**.

Microscopist

I am **CREATIVE** and someone who likes **DETAIL**. I use microscopes to study single molecules to entire samples.

I prepare samples, look at them through the microscope, and **DESCRIBE** my findings in words, pictures and numbers.

My role involves working with lots of different people across lots of different topics.

Step Two - Match your personality and skills with a role card

Read about the different roles found within a lab environment and choose the hexagon with a description on it which best describes your personality and skills. Cut it out.

WHAT
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Step 3 - Choose your equipment

You will need tools for your job. Choose the equipment you would like to use (you can pick as many hexagons as you like). If you'd like different equipment you can draw/list them on one of the blank hexagons. Cut it out.

WHAT
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My Challenge

My Experiment

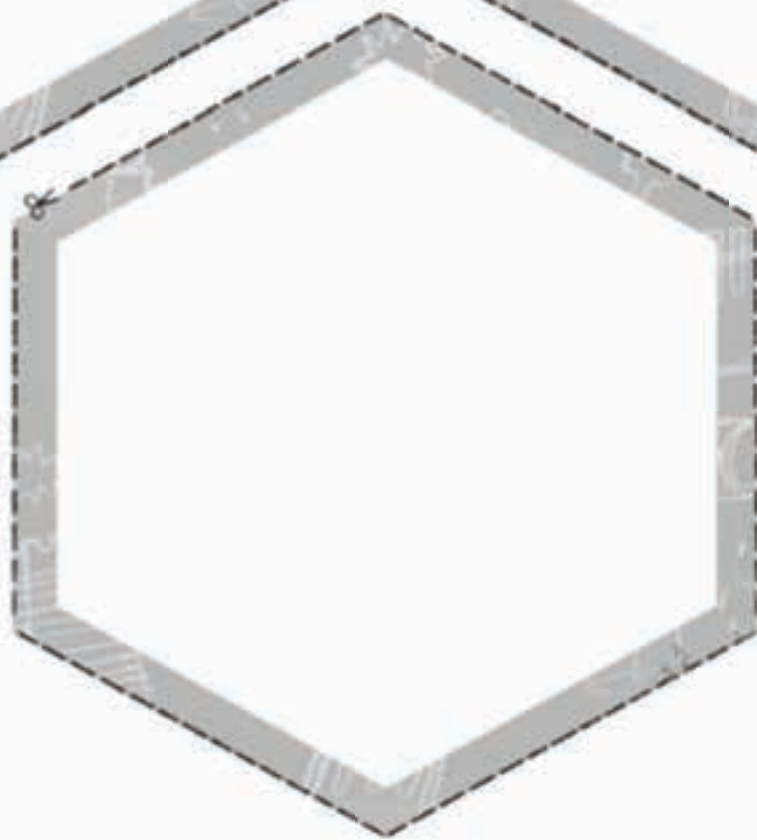
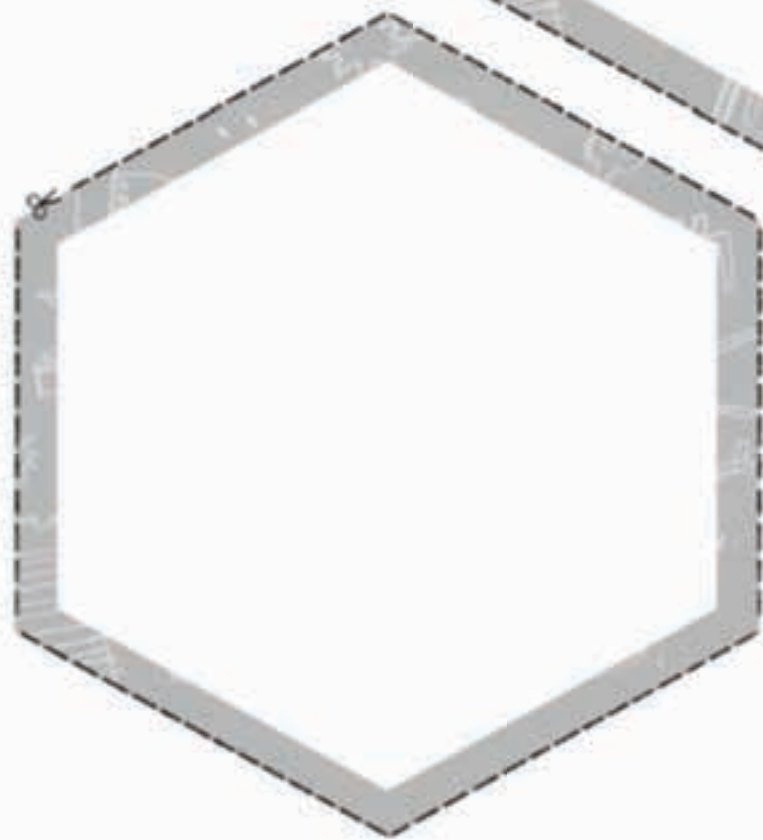
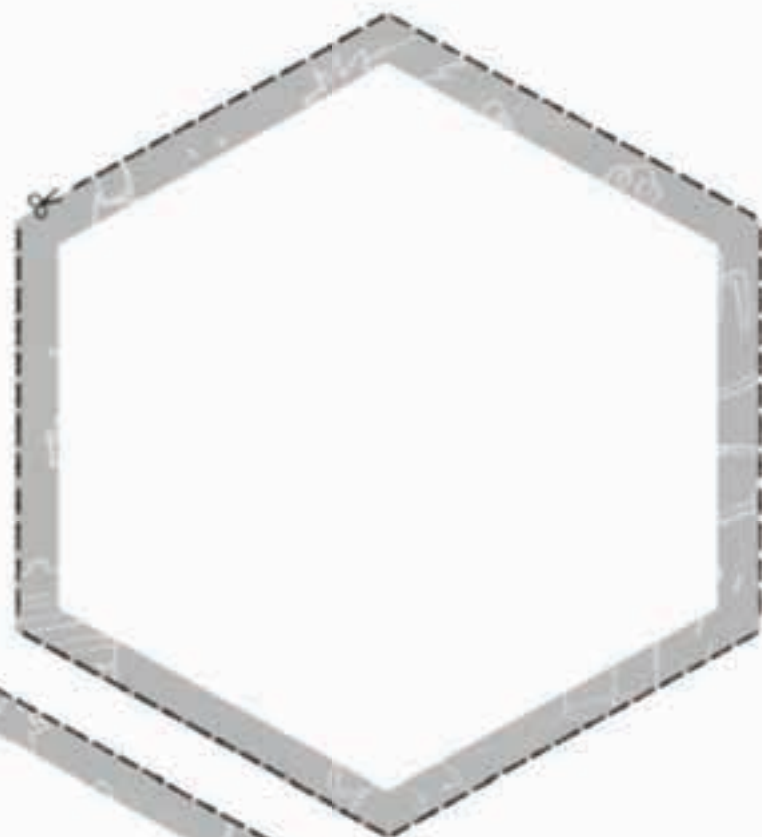
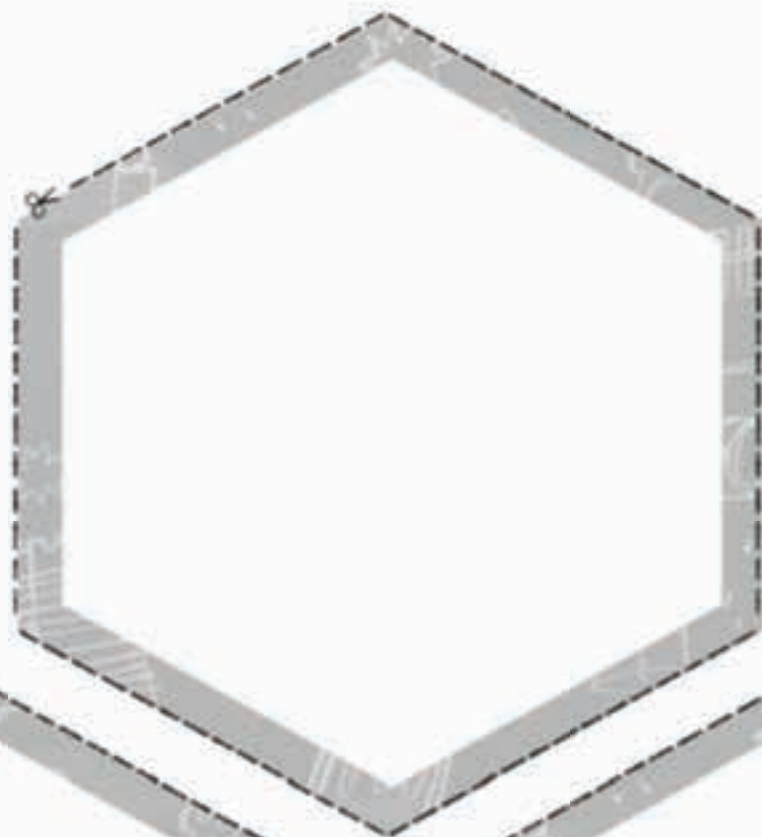
My Team

My Workspace

Step 4 - Creative time

Now it's time to let your imagination loose in whatever way you choose! Draw your work space, think of a problem you would like to solve, design an experiment, or create your dream team.

WHAT
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Blank Cards

Add extra hexagons of your own if you are feeling creative.