

# Engineering in My Life

## STEPS Ambassador Activity



The Engineers Ireland STEPS Ambassadors inspire students to explore the limitless opportunities a career in engineering can offer. Engineering is everywhere in our lives, and the diverse hobbies and interests of the STEPS Ambassadors are a perfect way to explore how engineering is important in all parts of our lives.

**Let's explore how engineering is everywhere in STEPS Ambassador Tom's everyday life:**

1. Read below to see how engineering is important to Tom's life in his hobbies, career and personal interests.
2. Explore in the picture on the next page all the ways that the world of engineering shapes Tom's hobbies, career and personal interests. Why not colour in this sheet as you explore?

## STEPS Ambassador Tom Parsons

STEPS Ambassador Tom Parsons, CEO Gaelic Players Association, says that his engineering career to date has allowed him create new experiences, travel, meet different people and deliver work that has made a difference to society.

	TOM, WHAT WOULD YOU LIKE TO EXPLORE TOGETHER?	TOM, HOW DOES THIS RELATE TO YOUR LIFE AND ENGINEERING?
1	WATCHING SPORT ESPECIALLY THE HIGHLIGHTS THAT TALK ABOUT THE STATISTICS AND PATTERNS IN GAMES.	The mechanical engineer specialises in designing and making a wide range of mechanical devices that fulfil a specific purpose for the filming sport.
2	GOING TO THE GYM AND WORKING ON MY STRENGTH AND CONDITIONING	Mechanical design engineers create and design gym equipment for various muscle groups and ensure the equipment is adaptable for different people.
3	JOINING VIDEO TEAM CALLS AND SHARING IDEAS ABOUT INTERESTING PROJECTS	Software engineers develop and upgrade video link software to allow us to engage virtually on zoom, MS teams etc.
4	BRINGING MY SON TO THE PLAYGROUND, HE LOVES THE CLIMBING FRAME AND SWING	Engineers design playground equipment. They make sure it is solid and sturdy. They also make sure it is safe for children.
5	TRAVELING TO NEW DESTINATIONS AND EXPLORING CITIES	Aeronautical engineers are the chief designers of airplanes and other types of aircraft, such as helicopters. They focus on the dimensions of flight within Earth's atmosphere.

**Learn more about STEPS Ambassador Tom Parsons on our website:**

[www.EngineersIreland.ie/schools](http://www.EngineersIreland.ie/schools)

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# STEPS Ambassador Tom Parsons



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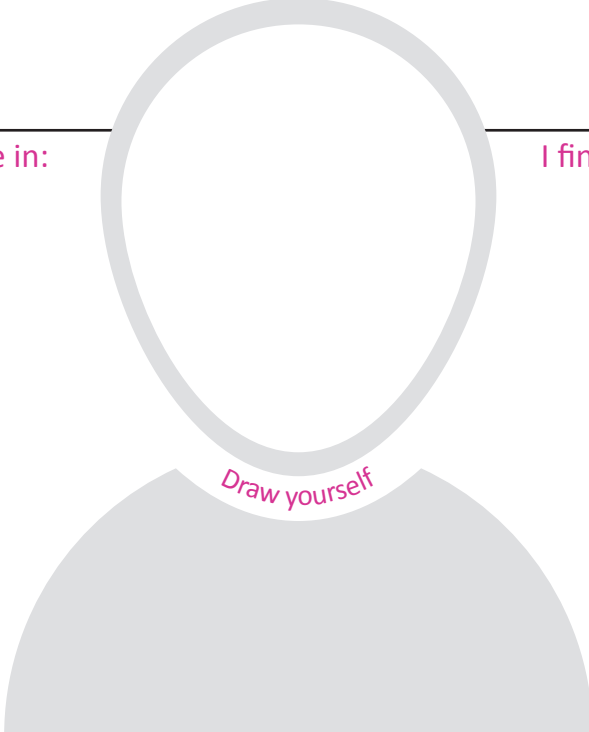
# The Engineering is Everywhere Challenge

The STEPS Ambassadors are challenging you to show how engineering is everywhere in your life, and why it is important. We are challenging you to come up with four ways engineering is found in your life. Fill in the worksheet to show how engineering is important in your life. Carry out these short steps to take the challenge:

1. Fill in the title: Write your name in the blank space in the title below.
2. Draw a picture of yourself, or stick a picture of yourself in the centre circle.
3. Fill in four Squares: In the four squares, write the four areas in which you'd like to look at engineering in your life. You describe it further, as the STEPS Ambassadors have done. Perhaps you would like to draw a picture here, or use photos to make a collage in each box?

Engineering in \_\_\_\_\_'s life

I find engineering in my life in:	I find engineering in my life in:
I find engineering in my life in:	I find engineering in my life in:



**Tips:** Use the STEPS Ambassador Engineering is Everywhere in our Lives examples to come up with ideas. Have you looked at all four STEPS Ambassador profiles? Some other topics that might be fun to explore are school, my classroom, the playground, my pets, my holidays, my sport, my family life at home, my garden, and more!

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