



## Great Scientists of Manchester

*Below is a list of some of the work of some amazing scientists and inventors right here in Manchester. We challenge you to carry out some research and answer the questions below.*

All entries will earn 5 house points for your house. You can hand it in to Miss Taylor or Mr Walker in September.

We are so excited to meet you!

<p>Name:</p>	<p>This scientist has a whole street named after him in the centre of Manchester. He is very famous for creating the theory of the atom. We will be learning about the atom this year in science!</p>	
<p>Name:</p>	<p>If you are a Manchester City fan, you might have travelled down a road named after this man on your way to the Etihad! This man created the first ever version of a computer. Imagine a world without computers! You will get to learn a lot about computers and how they work in your computer science lessons with Mr Helsby.</p>	
<p>Names:</p>	<p>These two Russian scientists discovered the structure of graphene while working in Manchester. They won the Nobel Prize for their research, which is one of the biggest prizes that can be awarded to anyone in science. Graphene is a super exciting material which could revolutionise technology. Mr Walker can't wait to tell you all about it and teach you how to make it for yourself!</p>	

Name:	This scientist first split the atom right here in Manchester! His work is essential to understanding both chemistry and physics and we will learn all about this at DHS.	
Name:	This man built a very famous telescope which you might have seen if you have been to Jodrell bank. You can learn all about this as part of the Astrophysics elective we will be offering from September. We have our very own telescope at DHS which we will be using on the roof of the school!	
Name:	This woman was the first baby born as a result of pioneering research into IVF, carried out by two Manchester based scientists. She was born in Oldham, not too far away from Didsbury. Miss Taylor has a big passion for developmental biology and can't wait to teach you all about it in lessons and as part of our Human Biology elective.	
Name:	This woman is the first female to ever lead the University of Manchester. She has a biology competition named after her which we will be running at DHS this year! She is a biologist who has carried out a lot of work into the brain and made some interesting discoveries about how to treat strokes	

### Extension questions

1. As you can see, a lot of the discoveries in the past have been by males. Can you suggest some reasons why this may be? *Now lots of exciting work is being carried out by more and more women in science. Visit this link if you are interested and want to read more!* <https://royalsociety.org/topics-policy/diversity-in-science/influential-british-women-science/>
2. If you could invent something or make a scientific discovery, what would it be and why?