

Plant a Seed Series: The impact of an online outreach package on school pupils' knowledge, skills, and attitudes to medicine.

Dr Enam Haque and Nadin Hawwash

My name is Nadin, and I work as a researcher at the University of Manchester. I would like to invite you to take part in our research study about how helpful the Plant a Seed Series is in increasing your understanding of medicine.

Before you decide if you wish to take part, please make sure that you understand:

1. The research is being done to help us understand if the Plant a Seed Series increases your understanding of medicine, the skills involved in medicine and studying medicine in the future.
2. Your involvement in the project will be to fill out the questionnaire, then watch the Plant a Seed series and fill out another questionnaire at the end.

Take your time to read through this information sheet before you decide if you wish to take part. Ask as many questions as you wish.



What is Plant a Seed?

To become a doctor, students need to study medicine at university. To study medicine, it is important you understand what medicine is, develop the skills that would be helpful in studying medicine and understand how to apply to study medicine at university.

The Plant a Seed Series was created to help you understand more about medicine so you can understand how apply to study medicine and become a doctor. Information about studying medicine is not easily available so we created the Plant a Seed Series to help with this. The Plant a Seed Series is made of a short briefing video to give you the information on the series and 3 one-hour long videos.

Why do I need to understand medicine at my age?

Information about what you need to apply to study medicine is not always available to your age group. It can be helpful for you to understand more about medicine at your age so you can prepare early (e.g., take the required GCSE subjects) and understand that it is possible to study medicine.

Why Are We Doing Our Research?

The aim of our research is to determine if the Plant a Seed Series is useful so we can make it available to more students across the UK.

Why Have I Been Asked to Take Part?

We have asked you to take part because we are looking to see if the series is helpful to students in years 7-9.

What Would I Be Asked to Do if I Take Part?

If you want to take part, we will ask that you volunteer to take part in the following tasks:

- 1) Complete the questionnaire before watching the Plant a Seed Series
- 2) Watch the Plant a Seed Series made of a short briefing video and 3 videos each 1 hour long
- 3) Complete the questionnaire after watching the Plant a Seed Series
- 4) You will be offered to attend a live question and answers session if you complete the series and questionnaires and will be given with a certificate. This session will not be part of the study, but will offer you the chance to ask more questions about medical careers.



How Long is the Questionnaire?

The questionnaire will only take a maximum of 5 minutes to complete.

Where will I complete the Questionnaire?

We will ask you to complete the online questionnaire on the Plant a Seed webpage.

Will my Participation in the Study be Confidential?

In order to take part in the research we will need to get consent from you so we know you agree to take part in the study.

Only the research team and university staff will have access to your information, and we will ensure it is kept safe and secure. This information will not include your name. Your questionnaire answers which do not include your name will be used in books and reports we write and will be shared with researchers at other places.

We are keeping this information safe and following data protection law.

The University of Manchester is the Data Controller, which means that we will protect the information about you. All researchers have received training to do this and we will make sure that they keep your information safe.

All data collected will be anonymous as no names will be collected in this study. We will also keep the information you give us for 4 years and then it will be safely destroyed.

You have a number of rights under data protection law, including the right to see any of the information you have shared with us. If you would like to know more about your rights or find out the legal reason we collect and use your information, please read through the [Privacy Notice for Research](#) or discuss it with your parent/guardian.



Do I Have to Take Part?

It is completely up to you if you wish to complete the questionnaire. Make sure you think carefully and consider all the information contained in this sheet before you decide.

After you have decided you will be asked to sign an assent form that shows you understand and agree to take part in the research. Your parent/guardian will do the same (and sign a consent form) if they also agree for you to take part.

What if I Change my Mind?

You do not have to take part in this study. You are free to withdraw from the study at any point without having to give a reason. If you decide to withdraw from this study any data already collected will be used in the final analysis. We cannot withdraw your answers once the questionnaire is submitted because the data is anonymous.

Who is Organising and Approving the Research?

The research is being sponsored by the University of Manchester. The research has also been approved by UREC, a group of people who work to protect your safety, rights, wellbeing and dignity.

What Do I Do Now?

If you have any questions relating to the information contained in this sheet, please let me know:

Researchers: Nadin Hawwash Nadine.hawwash@postgrad.manchester.ac.uk

Dr Enam Haque enam.haque@manchester.ac.uk

Thank you for reading this!



Plant a Seed Series: The impact of an online outreach package on school pupils' knowledge, skills, and attitudes to medicine.

Before completing the online questionnaire, please answer all the questions below. You will not be able to go to the questionnaire, without marking yes to all the questions:

	Activities	Yes/No
1	Do you understand what the study including the questionnaire and videos are about?	Yes/No
2	Have you asked all the questions you want to ask about the study including the questionnaire and videos?	Yes/No
3	Did you understand the answers to your questions?	Yes/No
4	Do you understand you can stop filling in the questionnaire at any time, and not submitting, without giving a reason?	Yes/No
5	Are you happy that your questionnaire answers which do not include your name will be used in the books and reports they write?	Yes/No
6	Are you happy that your answers to the questionnaire will be looked at by people at the University of Manchester or other people who help to make sure that you are kept safe?	Yes/No
7	Are you happy that your answers to the questionnaire which do not include your name , are shared with researchers at other places ?	Yes/No
8	Are you happy to take part in the study including completing the 2 questionnaires, watching the 3 videos and using the 3 worksheets provided?	Yes/No
9	Do you understand that the study includes filling out 2 questionnaires, watching 3 videos and using the 3 worksheets provided?	Yes/No

If you don't want to take part, don't sign your name!

If you do want to take part, you can write your name below

Name of Child

Signature

Date

Name of the person taking assent

Signature

Date

Plant a Seed Series Questionnaire

Please be aware that by completing this questionnaire you consent to data collection for research purposes.



Pre-series questionnaire

Please tick the most appropriate answer	Strongly disagree	Disagree	Undecided	Agree	Strongly agree
Knowledge					
I know what a doctor does					
I know about the medicine degree					
I know about life as a doctor					
I know about the different careers in medicine e.g., surgery, general practice (GP) etc.					
I know what is needed to get into medical school					
I know the subjects I need to take to do medicine					
I know about Access Manchester					
Skills					
I feel I have the necessary study skills to apply to medicine					
I feel I have the necessary communication skills to study medicine					
Attitude					
I want to study medicine.					
I feel confident in applying to medical school.					