

Health Careers across the curriculum 2 & 3



Making a Difference – A Health Careers Special

Maths	English	Science	Geography / History	Art
<p>Investigation: Use graph paper to measure the area of each foot when standing normally. Convert a kilogram body mass measure into body weight in Newtons (N). Convert area units in cm² to metres. Calculate the pressure by dividing body weight by foot area. Do heeled or flat shoes change this?</p>	<p>Purpose & Audience: Have a class debate about the use of photoshop and filters in the media. Think about the following:</p> <ul style="list-style-type: none"> • Do they do more harm than good? • How do they affect our own relationships with our bodies? • Are there ever any good reasons for using them? 	<p>The Eye: Investigate the structure of the eye and how the image is reversed on the retina. Look at common diseases and how they are corrected, managed and cured using your findings about the eye. What could an Orthoptist do to support a person with one of these problems?</p>	<p>Identifying local health services: As part of the PSHE curriculum, students should be aware of where and how to obtain health information, advice and support (including sexual health services). Find out where you would go locally for different types of advice or support.</p>	<p>Medical imaging: Art is very useful for medicine! There are lots of informative videos about how different creative projects work and what their uses in medicine are – see if you can find one. Do any of the uses surprise you? Discuss as a class.</p>
<p>Percentages: Find out what percentage of people who train as doctors go on to be GPs. Is this more or less than you expected? What is currently the most 'popular' career path for someone who has studied medicine? Why might this be?</p>	<p>Speech & Language: Think about the reasons someone might need speech and language therapy (e.g. congenital defects, diseases, accidents/injuries). How does a Speech & Language Therapist help?</p>	<p>Biomechanics: Carry out an investigation about how biomechanics is being used to improve athletic performance. Design a pamphlet or poster to show the developments being made today.</p>	<p>History of radiation: Explore the changes over time of our understanding of radiation. From the days where many were sceptical to the realisation of its true capabilities. What are its uses today?</p>	<p>Digital art - composite images: Use ICT to manipulate photographs, changing the image itself or composition to change the background scene. See how easy it is for the media to change photographs.</p>