



Don't Get Bitten - Malaria Workshop

Event title	'Don't Get Bitten!' - Malaria Workshop
Venue	Little Milton Primary School, Oxon 8 June 2016
Target audience	Primary school children (age 5-11)
Learning Outcomes (maximum of 3)	<ul style="list-style-type: none">• To inspire children to develop interest in clinical medicine and global health.• Using malaria as an example:<ul style="list-style-type: none">○ To develop an understanding of insects as vectors of disease;○ To consider how climate, environment, human activity, and poverty can affect health;○ To encourage children to think about ways we can protect ourselves from infection.• To gain a basic understanding of malaria, and to discuss its impact on individuals (particularly children) on a worldwide scale.
Age range	Age 5-11
How was the event advertised?	<p>The workshop was planned in collaboration with the school.</p> <p>Teachers were informed in advance by email, and were involved in discussions around planning the timing and logistics of the event.</p> <p>Parents/guardians of the students were informed about the event through a written letter sent home with children in advance of the event, and also via email together with the weekly school newsletter.</p>
Number attending	65
Booking required?	No
Length of event	3 sessions of 1 hour each (years 1&2, years 3&4, years 4&5)
Refreshments	No

provided?	
Equipment needed	<ul style="list-style-type: none"> • Use of school projector / audio-visual equipment. • Printed worksheets for children. • Props and visual aids: inflatable globe, mosquito net, 'swamp' (made out of fabric), iPad to show video footage. • Enlarged printed photos of mosquitoes to inspire artwork. • Art materials for children to make their own mosquitoes (coloured card, netting, pipe cleaners).
People needed	<ul style="list-style-type: none"> • Two consultants ran the session (Philippa Matthews, Hanif Esmail). • Classroom teachers and teaching assistants also present.
Printed material used	<p>RCPATH printed worksheets for the children to use.</p> <p>Download worksheet: https://www.rcpath.org/discover-pathology/discover-pathology-resources/for-schools/don-t-get-bitten.html</p>
Room set up	<p>Audio-visual equipment and props set up in advance (approx. 30 minutes before the session).</p>
Event programme	<p>One hour interactive workshop, divided into four key sections:</p> <ol style="list-style-type: none"> i. Introduction (PowerPoint slides with photos and questions for discussion to set the scene); ii. 'Make a mosquito' art/craft session; iii. Act out malaria transmission with the whole group involved including consideration of ways we can interrupt transmission; iv. Close by asking students for key learning points by asking them to write down the most interesting thing they had learnt; handing out stickers/wristbands.
Possible variations	<p>We ran the workshop through three times, and altered the pace and content to make it age-appropriate for the different groups.</p> <p>The same topic could be adapted for secondary school pupils, making it more advanced (e.g. consideration of looking at blood films; more focus on treatment; discussion about research).</p>

What did the audience particularly like?	Interaction and participation – making their own mosquito, and then using it in part of a ‘dramatisation’ of malaria transmission, including hanging up a malaria net.
What surprised the audience?	<ul style="list-style-type: none"> • They didn’t know that only female mosquitoes feed on blood. • They were surprised to learn that the malaria net can protect not just the person underneath it, but also others sharing the room due to impregnation with insecticide. • They were surprised that mosquitoes lay their eggs in water, and interested that fish could therefore be used as a way of controlling the mosquitoes.
What else would the audience have liked?	More time?
How much preparation was involved?	<ul style="list-style-type: none"> • Planning meeting (2 hours); practice run through by Skype (30 min) • Emails and discussion with school (1 hour) • Designing and making the work sheet (6 hours) • Finding relevant images, organising printing of visual aids, making PowerPoint presentation (2 hours) • Shopping for props, visual aids, art materials (2 hours) • Preparing art materials for use in the session (cutting out shapes etc.) (1 hour) <p>Total: 12.5 hours</p>
Any other comments?	
Images	<p>Images already provided and printed by RCPATH (worksheet).</p> <p>Additional mosquito photos downloaded from Wellcome Trust image library (with permission)</p>
For more information please contact	<p>Philippa Matthews p.matthews@doctors.org.uk</p>

