

## How RCF might help you

If you are at school or teach in a school, is your school planning a project which involves technical experiments using radio communications? Would you like to see an Amateur Radio club set up in the school? If the answer to either of these questions is "YES", then RCF may be able to help with a grant towards the cost or the loan or provision of equipment. To apply for a grant, you'll need to write to us and let us know some details of your proposed project, including what you are trying to achieve and how you will be able to show that you have achieved it. You'll need to tell us the cost of the project, how much money you are asking for, and information about any other requests you have made for funding elsewhere.

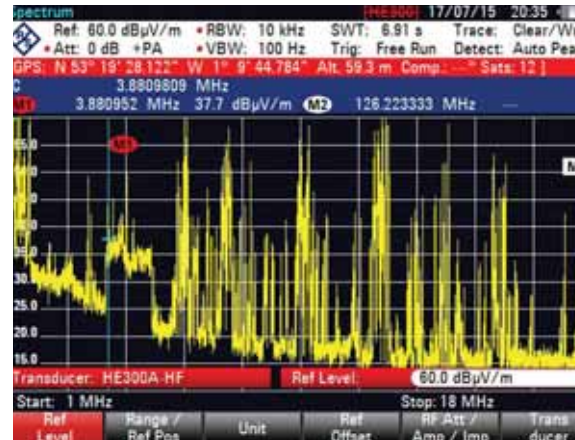
If your application is successful, RCF will expect suitably placed acknowledgements, updates including (if appropriate) photos that can be used by RCF for publicity purposes and a brief write up afterwards telling us what has been achieved with the money allocated.

Equally, if you are at school and wish to be considered for one of the Arkwright Scholarships, ask your teacher to make sure your school is registered with the Arkwright Trust. More information can be found on the Arkwright web site –

<http://www.arkwright.org.uk> .

If you are at university, and studying at one of the UKESF partner universities, you may want to find out more about the RCF competition, at –  
<http://www.ukesf.org/universities/radio-frequency-engineering-and-communications-competition/>

You can find more information on the RCF web site at –  
<http://commsfoundation.org>  
or contact the Secretary Marilyn Slade –  
[secretary@commsfoundation.org](mailto:secretary@commsfoundation.org)



## The Radiocommunications Foundation

*Engaging young people  
in radio technology*



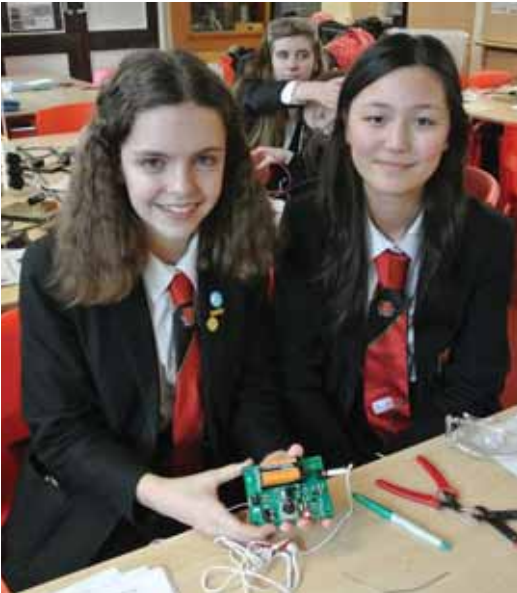
Engaging young people  
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[www.commsfoundation.org](http://www.commsfoundation.org)

## Radiocommunications Technology

Many technological features of the modern world rely on radio communication technologies (“wireless”) to allow them to function. Examples are cellular phones, wifi links, radar, wireless keys (for cars, garages etc) GPS, shop security systems, baby alarms, remote control devices, car collision avoidance systems, and of course television and radio communications – from emergency services communication to air traffic control, military and space satellite communications. On top of this, the underpinning technology of radio is used in such everyday things as microwave ovens, industrial RF heating equipment and the wireless charging of electric vehicles. In short, radio communication underpins our modern life and applications for its technology are ever-increasing.

The industries based on radio technology in the UK contribute many tens of billions of pounds annually to our wealth. The availability of skilled radio engineers is an important part of ensuring our national capability in that specialism.



## The Radiocommunications Foundation

The RCF mission is to increase the engagement of people, especially young people, in radio communications technology. Our target groups are young people at school, students at university and the public more generally. A small group of Trustees from industry and academia guide the strategy of the RCF



## RCF and the Arkwright Scholarships Trust

RCF has been partnering with the Arkwright Scholarships Trust for some years to recognise and support those at school

who seek to follow a relevant course of study. This has been a successful partnership and we provide not only financial support, but also work experience and study visits to enrich the skills and experience of our Scholars.



## RCF and the UK Electronics Skills Foundation, UKESF

In a new partnership with the UK Electronics Skills Foundation, the RCF provides two prizes for the best university final year projects which exploit radio communication technology in the most original or creative manner.



## RCF and Amateur Radio

Amateur Radio is a hobby enjoyed by 3.5M people around the world.

Over the years, many young people who have engaged with amateur radio at an early age have found it has allowed them to develop both theoretical and practical skills in radio communication which have opened doors into an exciting career in electronic engineering. The RCF therefore, in partnership with the Radio Society of Great Britain, encourages the creation of Amateur Radio Societies within schools as a way to generate these skills through extra-mural activities in the school environment.