



## The Shenstone Scholarship Appeal

Old Cliftonian Society  
150th Anniversary Appeal 1862–2012

Shenstone Scholarships for Science

# The Science School

The Science School was opened by the Prince of Wales in 1927 and was extended in 1958. Fifty years on we have completed an exciting project to bring the Science School up to date, ensuring that future Clifton pupils will continue to flourish in the science subjects which are vital for them and for our country.

As well as its three Nobel prize winners, Mott, Kendrew and Hicks, Clifton's Science School has been home to some brilliant scientists such as Tilden, Shenstone, Holmyard and Badcock. Shenstone, a fellow of the Royal Society, died just over 100 years ago in 1908. Although the School has an excellent reputation for the teaching of science there are no science scholarships at Clifton.

The Trustees of the Clifton College Endowment Fund (the charitable arm of the Old Cliftonian Society) have resolved to mark the occasion of the School's 150th Anniversary in 2012 by setting up the Shenstone Scholarship Fund to provide a scholarship and financial support to able science students. The fund is now established and further contributions are invited so that we can start to make meaningful awards from 2012 onwards.

The Shenstone Scholarship Fund is an endowment fund. The capital is to be held in perpetuity by the Trustees and the income will be used to provide a scholarship for an outstanding science student. As the Clifton College Endowment Fund is a registered Charity we can claim tax relief through Gift Aid if the appropriate box on the opposite page is ticked. The



Shenstone Scholarship's capital endowment will always remain open to receive donations, legacies and bequests and we hope it will continue to grow into the future to provide more funds for science scholarships.

Individuals or groups of donors of amounts larger than £1000 are invited to choose an element to 'buy' from the Periodic Table. Their names will be inscribed against their chosen element on a Shenstone Scholarship Donors board in the Science School as a lasting record of their generosity.

We hope you will join us in this commitment to keeping Clifton in the vanguard of the teaching and learning of science for generations to come.

All good wishes

M J Moore  
Head of College and  
Head Master of the Upper School

N C Tolchard  
Chairman  
The Old Cliftonian Society

## Elements available for sponsoring

1 hydrogen	25 manganese	49 indium	73 tantalum	97 berkelium
2 helium	26 iron	50 tin	74 tungsten	98 californium
3 lithium	27 cobalt	51 antimony	75 rhenium	99 einsteinium
4 beryllium	28 nickel	52 tellurium	76 osmium	100 fermium
5 boron	29 copper	53 iodine	77 iridium	101 mendeleevium
6 carbon	30 zinc	54 xenon	78 platinum	102 nobelium
7 nitrogen	31 gallium	55 caesium	79 gold	103 lawrencium
8 oxygen	32 germanium	56 barium	80 mercury	104 rutherfordium
9 fluorine	33 arsenic	57 lanthanum	81 thallium	105 dubnium
10 neon	34 selenium	58 cerium	82 lead	106 seaborgium
11 sodium	35 bromine	59 praseodymium	83 bismuth	107 bohrium
12 magnesium	36 krypton	60 neodymium	84 polonium	108 hassium
13 aluminium	37 rubidium	61 promethium	85 astatine	109 meitnerium
14 silicon	38 strontium	62 samarium	86 radon	110 darmstadtium
15 phosphorus	39 yttrium	63 europium	87 francium	111 roentgenium
16 sulphur	40 zirconium	64 gadolinium	88 radium	112 ununbium
17 chlorine	41 niobium	65 terbium	89 actinium	113 ununtrium
18 argon	42 molybdenum	66 dysprosium	90 thorium	114 ununquadium
19 potassium	43 technetium	67 holmium	91 protactinium	115 ununpentium
20 calcium	44 ruthenium	68 erbium	92 uranium	116 ununhexium
21 scandium	45 rhodium	69 thulium	93 neptunium	117 ununseptium
22 titanium	46 palladium	70 ytterbium	94 plutonium	118 ununoctium
23 vanadium	47 silver	71 lutetium	95 americium	
24 chromium	48 cadmium	72 hafnium	96 curium	

# The Shenstone Scholarships Donation Details

## Personal Details

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_

Telephone: \_\_\_\_\_ Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

I prefer to donate anonymously

## Sponsoring an Element (for donations exceeding £1000)

My first choice of Element is: \_\_\_\_\_ My second choice of Element is: \_\_\_\_\_

## To be completed for a single donation only

I wish to donate £ \_\_\_\_\_

## Method of payment

I would like to pay by (tick box):  Cheque  Through the Charities Aid Foundation  
 Gift of Shares

Gifts of Shares on a listed stock exchange are normally allowable against taxable income and are free of capital gains tax. Further information can be obtained from <http://www.hmrc.gov.uk/charities/donors/land.htm>

## To be completed for making regular donations only

Name of your Bank or Building Society: \_\_\_\_\_

Full address of your Bank or Building Society: \_\_\_\_\_

Postcode: \_\_\_\_\_ Sort Code: \_\_\_\_\_

Your account number: \_\_\_\_\_

Make payments for  \_\_\_\_\_ years  until further notice

Frequency of payments:  Yearly  Quarterly  Monthly (tick one box)

Date of first payment: \_\_\_\_\_

## Payment

Payment to be made payable to: Clifton College Endowment Fund  
National Westminster Bank  
The Mall Branch, PO Box 220, 44 Caledonia Place, Clifton, Bristol, BS99 5AJ  
Sort Code: 52-10-03 Account Number: 66289580

## Gift Aid Declaration, for either single or regular donations

I would like all donations I make to the Clifton College Endowment Fund to be eligible for Gift Aid and for the past six years if appropriate. (Tick box)

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

## Notes:

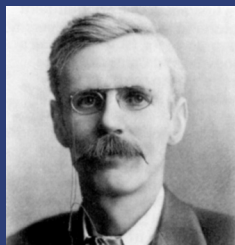
1. You must pay an amount of income tax and/or capital gains tax at least equal to the tax that the charity reclaims on your cash donations. If your circumstances change please advise us.
2. If you pay tax at the higher rate you can claim further tax relief in your Self Assessment tax return.
3. If you are unsure whether your donations qualify for Gift Aid tax relief, ask your local tax office for the leaflet IR65.
4. Please notify The Old Cliftonian Society if you change your name and address.

Please send the completed form to The Old Cliftonian Society, The Garden Room, 3 Worcester Road, Clifton, Bristol, BS8 3JL.  
Tel: (0117) 315 7155 Fax: (0117) 315 7101 Email: [ocs@clifton-college.avon.sch.uk](mailto:ocs@clifton-college.avon.sch.uk) Web: [www.cliftoncollegeuk.com](http://www.cliftoncollegeuk.com)  
Registered Charity No. 1113320

# The Shenstone Scholarship Appeal

*in memory of*

**William Ashwell Shenstone 1850–1908**



William Shenstone, who died a century ago, was born in Colchester on 1st December 1850. His father was established as a pharmacist and after Colchester Grammar School,

William entered the family business. At the age of 20, after competitive examinations, he secured one of the Bell scholarships for the Pharmaceutical School where he was awarded the Pereira Medal. He worked under Dr W.A. Tilden from 1874, at that time the chief science master at Clifton, before leaving in 1875 to become science master at Taunton College School, under the dynamic leadership of the Rev. William J. Tuckwell. Shenstone left, as did Tuckwell, in 1877.



*Shenstone working in his laboratory in 1898. This room is now the Prichard Room.*

Shenstone's new position took him to Exeter School to found the science laboratory. It was here that Shenstone met Mildred Durant, whom he later married. At Exeter, Shenstone built and fitted out a school laboratory, demonstrating that the teaching of physics and chemistry was within reach of all properly conducted schools.

By 1877 practical science teaching had been established at Clifton for a decade, as the Head Master, Dr Percival, had attached particular importance to the teaching of science. When Tilden left Clifton in 1880, Shenstone was appointed by the new Head Master, Wilson, as Head of the Science Department. It was a fine choice as Shenstone would devote his energies to Clifton for the rest of his life. Although Tilden had left Clifton, Shenstone was to keep in touch with him, collaborating on research in the 1880's into the solubility of salts in water at high temperatures, the results of which formed the subject of a paper in the Philosophical Transactions for 1884.

On his own initiative Shenstone began to prepare ozone from oxygen and observe the curious properties of some highly purified substances. A skilful glass-

blower, Shenstone published an important practical manual on the subject in 1886 and introduced vitrified silica as a material for laboratory apparatus as well as many practical methods of teaching science in schools. On the strength of his research carried out in the Clifton laboratories, Shenstone received the ultimate accolade of being elected F.R.S. on 9 June 1898.

Appointed a council member of the Institute of Chemistry (1905–6), Shenstone died prematurely, aged 58, at Mullion, Cornwall on 3rd February 1908. He is buried in the village churchyard. His early death was due to the lifelong effects of a serious fire which he tried to extinguish in his father's pharmacy as a youth. It was caused by an experience in curiosity that ensured he made all pupils aware of the dangers in performing experiments. He was a remarkable man, possessing a fortunate combination of enthusiasm and skill, as well as a brave, bright spirit which endeared him to his friends.

The Old Cliftonian Society is therefore delighted to offer science scholarships in memory of William Shenstone, a most distinguished scientist, exactly one hundred years after his death.