



£50 character selection

Between the launch and closure of the character selection process for the £50 note announced by the Governor on 2 November, we have received a total of 227,299 nominations from members of the public. This is the list of 989 eligible names that were suggested within the nomination period. This is only the preliminary stage of identifying eligible names for consideration: At this stage, a nomination has been deemed eligible simply if the character is real, deceased and has contributed to the field of science in the UK in any way. These names have not yet been considered by our Banknote Character Advisory Committee. We plan to announce the character for the new £50 banknote in Summer 2019.

Aaron Klug	Alister Hardy	Augustus De Morgan
Abraham Bennet	Allen Coombs	Austin Bradford Hill
Abraham Darby	Allen McClay	Barbara Ansell
Abraham Manie Adelstein	Alliott Verdon Roe	Barbara Clayton
Ada Lovelace	Alma Howard	Barnes Neville Wallis
Adam Sedgwick	Andrew Crosse	Baron Charles Percy Snow
Aderlard of Bath	Andrew Fielding Huxley	Bawa Kartar Singh
Adrian Hardy Haworth	Angela Hartley Brodie	Beatrice "Tilly" Shilling
Agnes Arber	Angela Helen Clayton	Beatrice Tinsley
Alan Archibald Campbell-Swinton	Anita Harding	Benjamin Gompertz
Alan Arnold Griffiths	Ann Bishop	Benjamin Huntsman
Alan Baker	Anna Atkins	Benjamin Thompson
Alan Blumlein	Anna Bidder	Bernard Katz
Alan Carrington	Anna Freud	Bernard Spilsbury
Alan Cottrell	Anna MacGillivray Macleod	Bertha Swirles
Alan Lloyd Hodgkin	Anne McLaren	Bertram Hopkinson
Alan MacMasters	Anne Warner	Bertrand Russell
Alan Mitchell	Annie Lorrain Smith	Beverley Shenstone
Alan Powell Goffe	Annie Maunder	Bill Frost Welsh
Alan Turing	Anthony Ledwith	Bill Tutte
Albert Norman	Archer John Porter Martin	Brian Pippard
Alec Harley Reeves	Archibald McIndoe	Brian Marsden
Alexander Bain	Archibald Russell	Brigitte Askonas
Alexander Fleming	Archibald Vivian Hill	Brook Taylor
Alexander Graham Bell	Archie Cochrane	Bryan Donkin
Alexander Kellas	Archie Edmunston Roy	Bryan Kibble
Alexander Parkes	Arnold Tustin	Byrhtferth of Ramsey
Alexander Robertus Todd	Arnold Wilkins	Caroline Haslett
Alexander William Williamson	Arthur Cayley	Caroline Herschel
Alexander Wood	Arthur Duncan Gardner	Catherine Chisholm
Alfred Charles Bernard Lovell	Arthur Eddington	Cecil Frank Powell
Alfred Cyril Lovesey	Arthur George Tansley	Cecilia Helena Payne-Gaposchkin
Alfred Fowler	Arthur Hill Hassall	Cesar Milstein
Alfred North Whitehead	Arthur Holmes	Chaim Weizmann
Alfred Russel Wallace	Arthur Rowledge	Charles Alfred Coulson
Alice Grace Cook	Arthur Schuster	Charles Babbage
Alice Lee	Arthur Scott Lodge	Charles Barkla
Alice Stewart	Arthur Thomas Doodson	Charles Blachford Mansfield
Alice Vickery	Aubrey Manning	Charles Bunn
Alicia Boole Stott	Audrey Ursula Smith	Charles David Marsden



BANK OF ENGLAND

Charles Edward Rhodes Bruce	David Hay	Edward George Bowen
Charles Eryl Wynn-Williams	David Hughes	Edward Jenner
Charles Hawkes Todd	David Jack	Edward Newton
Charles Henry Wordingham	David John Cameron MacKay	Edward Penley Abraham
Charles Hesterman Merz	David Kelly	Edward Routh
Charles Kuen Kao	David Kirkaldy	Edward Stone
Charles Lapworth	David Lack	Edward Victor Appleton
Charles Lutwidge Dodgson	David Livingstone	Edward Walter Maunder
Charles Lyell	David Willis Wilson Henderson	Edwin Budding
Charles Mackintosh	Deborah Doniach	Edwin Chadwick
Charles Newton	Denise Barlow	Eleanor Glanville
Charles Parsons	Denis Parsons Burkitt	Elenor Ormerod
Charles Rolls	Dennis Babbage	Elias Ashmole
Charles Samuel Myers	Dennis Gabor	Elizabeth Alexander
Charles Scott Sherrington	Dennis Lindley	Elizabeth Andrew Warren
Charles Sutherland Elton	Dennis William Sciama	Elizabeth Blackwell
Charles Thomson Rees Wilson	Derek Ratcliffe	Elizabeth Carne
Charles Vernon Boys	Dietrich Kùchemann	Elizabeth Casson
Charles Waterton	Donald Bailey	Elizabeth Fulhame
Charles West	Donald Broadbent	Elizabeth Garrett Anderson
Charles Wheatstone	Donald Devereux Woods	Elizabeth Philpot
Charles White	Donald Lynden-Bell	Elizabeth Press
Charles Wyville Thompson	Donald Michie	Ellen Hutchins
Charlotte Auerbach	Donald Nixon Ross	Elsie Inglis
Charlotte Scott	Donald Watts Davies	Elsie Wakefield
Christina Cruikshank Miller	Donald Winnicott	Elsie Widdowson
Christopher Cockerell	Dorothea Bate	Emily Dix
Christopher Hinton	Dorothee Pullinger	Emmeline Jean Hanson
Christopher Kelk Ingold	Dorothy Mary Cayley	Emmy Klieneberger-Nobel
Christopher Marshall	Dorothy Donaldson Buchanan	Erasmus Darwin
Christopher Zeeman	Dorothy Garrod	Eric Laithwaite
Cicely Popplewell	Dorothy Hodgkin	Ernest Geoffrey Cullwick
Cicely Saunders	Dorothy Needham	Ernest Hives
Clement Lindley Wragge	Dorothy Wrinch	Ernest Rutherford
Colin Chapman	Dorothy Wyndlow Pattison	Ernest Starling
Colin Cherry	Douglas Rayner Hartree	Ernest Walton
Colin Louis Avery Leakey	Douglas Scott Falconer	Ernst Chain
Colin Maclaurin	Dudley Brian Spalding	Ethel Currie
Colin Trevor Pillinger	Edgar Codd	Ethel Sargant
Constance Tipper	Edith Humphrey	Etheldred Benett
Cyril Astley Clarke	Edith Louisa Cavell	Eva Crane
Daphne Jackson	Edmond Halley	Eva Frommer
D'Arcy Wentworth Thompson	Edmund Davy	Evelyn Hickmans
David Arthur John Tyrrell	Edmund Edward Fournier d'Albe	Ferdinand Hurter
David Axon	Edmund Whittaker	Florence Rees
David Bohm	Edmund Wingate	Frances Adams Le Sueur
David Brewster	Edward Adrian Wilson	Frances Micklethwait
David Broomhead	Edward Albert Sharpey-Schafer	Francis Bacon
David Brunt	Edward Arthur Milne	Francis Crick
David Caminer	Edward Bullard	Francis Darwin
David Cuthbertson	Edward Foyle Collingwood	Francis Galton
David Fearn	Edward Frank Harrison	Francis Gordon Albert Stone
David Goodall	Edward Frankland	Francis Pantridge



BANK OF ENGLAND

Francis Ronalds	George Paget Thomson	Helena Rosa Wright
Francis Swinden Curd	George Porter	Henry Bessemer
Francis Thomas Bacon	George Sarton	Henry Briggs
Francis William Aston	George Simon Ohm	Henry Brunner
Frank Ashall	George Taylor	Henry Cavendish
Frank Blackmore	George Thomas Beatson	Henry Clifton Sorby
Frank Buckland	Georges Lemaitre	Henry Cort
Frank Fraser-Darling	Gerald Durrell	Henry de la Beche
Frank Morton	Gerald Hawkins	Henry Faulds
Frank Pantridge	Gerald Scott	Henry Fox Talbot
Frank Plumpton Ramsey	Gertrude Elles	Henry Greathead
Frank Whittle	Gertrude Entwisle	Henry Hallett Dale
Frank Wilfred Jordan	Gideon Mantell	Henry Head
Franz Arthur Friedrich Schuster	Gilbert White	Henry Hill Hickman
Fred Hoyle	Glyn Humphreys	Henry Hunnings
Frederic Calland Williams	Godfrey Harold Hardy	Henry Kater
Frederick Donnan	Godfrey Hounsfield	Henry Maudsley
Frederick Griffith	Goldsworthy Gurney	Henry Moseley
Frederick Kipping	Gordon Hamilton Fairley	Henry Oldenburg
Frederick Sanger	Gordon Miller Bourne Dobson	Henry Round
Frederick Sody	Gordon Welchman	Henry Royce
Frederick Sydney Dainton	Griffith Pugh	Henry Shrapnel
Frederick William Lanchester	Gulielma Lister	Henry Thomas Tizard
Gabrielle Howard	Guy Callendar	Henry Trengrouse
Geoffrey De Havilland	Hanna Segal	Henry Walter Bates
Geoffrey Dummer	Hannah Billig	Henry Whitworth
Geoffrey Ingram Taylor	Hans Adolf Krebs	Henryk Zygalski
Geoffrey Keynes	Hans Eysenck	Herbert Charles Brown
Geoffrey Perry	Hans Sloane	Herbert Spencer
Geoffrey Russell Coope	Harold Gillies	Hermann Bondi
Geoffrey Sharman Dawes	Harold Hopkins	Hertha Ayrton
Geoffrey Terence Roland Hill	Harold Jeffreys	Hiram Maxim
Geoffrey Wilkinson	Harold Neville Vazeille Temperley	Homi Jehangir Bhabha
George Adamson	Harold Ridley	Honor Fell
George Alfred Hockham	Harriette Chick	Howard Dalton
George Armstrong	Harry Blackmore Whittington	Howard Florey
George Biddell Airy	Harry Boot	Hugh Davson
George Bodington	Harry Brearley	Hugh de Wardener
George Boole	Harry Ferguson	Hugh Ford
George Caley	Harry Goodsir	Hugh Llewellyn Glyn Hughes
George Cayley	Harry Hawker	Hugh Miller
George Davis	Harry Kroto	Hugh Myddleton
George Edelstyn	Harry Marshall Ward	Hugh Owen Thomas
George Edward Pelham Box	Harry Melville	Humphry Davy
George Eric Deacon Alcock	Harry Ricardo	Ian Donald
George Frederick Ansell	Harry Smith	Ian Fraser
George Gabriel Stokes	Harry Witherby	Ian Heilbron
George Garfield Hall	Heinz Siegfried Wolff	Ida Freund
George Gray	Helen Beatrix Potter	Irene Manton
George Green	Helen Chambers	Irving John Good
George Jackson Churchward	Helen Gwynne-Vaughan	Isaac Roberts
George Johnstone Stoney	Helen Megaw	Isabella Gordon
George Masee	Helen Porter	Isabella Muir



BANK OF ENGLAND

Isambard Kingdom Brunel	Jean Kennedy McFarlane	John James Richard Macleod
Isis Pogson	Jean Purdy	John Kemp Starley
Ivan Magill	Jedidiah Strutt	John Kendrew
Jacob Bronowski	Jeremiah Horrocks	John Lander Harper
Jagadish Chandra Bose	Jesse Ramsden	John Langdon Down
Jake MacMillan	Jethro Tull	John Lennard-Jones
James "Paraffin" Young	Jim Swan	John Locke
James Alfred Ewing	Joan Beauchamp Procter	John Logie Baird
James Black	Joan Clarke	John Lubbock
James Blundell	Joan Curran	John Maynard Smith
James Bradley	Joan Graeme Malleson	John Mayow
James Brindley	Joe Farman	John Mercer
James Chadwick	Johanna Weber	John Milne
James Clerk Maxwell	John (Iron Mad) Wilkinson	John Monteath Robertson
James Croll	John Adrian Shepherd-Barron	John Mudge
James Dewar	John Ambrose Fleming	John Murray
James Dunlop	John Anthony Pople	John Napier
James Ellis	John Ashworth Ratcliffe	John Newlands
James Ferguson	John Bennet Lawes	John Philip Harding
James Glaisher	John Bowlby	John Pinkerton
James Gordon	John Boyd Orr	John Playfair
James Gregory	John Busby	John Quekett
James Hall Nasmyth	John Charnley	John Rae
James Hamilton	John Clive Ward	John Ray
James Hargreaves	John Cockcroft	John Rennie
James Harrison	John Cornforth	John Ruskin
James Hutchison	John Couch Adams	John Russell Hind
James Hutton	John Crofton	John Smeaton
James Joseph Drumm	John Dalton	John Snow
James Joseph Sylvester	John Dee	John Stevens Henslow
James Lind	John Desmond Bernal	John Stewart Bell
James Martin	John Edensor Littlewood	John Stringfellow
James McCune Smith	John Edward Marr	John Stuart Garrow
James Miranda Steuart Barry	John Edward Sulston	John Sulston
James Murray	John Edyvean	John Tradescant
James Paget	John Elder	John Turton Randall
James Parkinson	John Eliot Howard	John Tyndall
James Prescott Joule	John Flamsteed	John Vane
James Stagg	John Fleetwood Baker	John Venn
James Stanley Hey	John Fowler	John Walker
James Starley	John Gatenby Bolton	John Wallis
James Thomson Bottomley	John Goldman	John Whitehurst
James William Longman Beament	John Goodricke	John Wickham
James Young Simpson	John Hadley	John William Strutt
Jane Anne Plant	John Haldane	John Yudkin
Jane Elizabeth Waterston	John Hammond	John Zachary Young
Jane Marcet	John Harrison	Jonathan Hutchinson
Jane Sharp	John Henry Large	Joseph Banks
Jane Wardle	John Henry Poynting	Jonathan Couch
Janet Lane-Claypon	John Herschel	Jonathan Hornblower
Janet Maria Vaughan	John Hopkinson	Joseph Bazalgette
Janet Taylor	John Horlock	Joseph Bell
Janet Watson	John Hunter	Joseph Black



Joseph Bramah	Louisa Aldrich-Blake	Michael Gerzon
Joseph Dalton Hooker	Louise Johnson	Michael Loam
Joseph Farman	Lucy Evelyn Cheesman	Michael Majerus
Joseph Harris	Lucy Everest Boole	Michael Polanyi
Joseph Larmor	Ludwig Guttman	Michael Scot
Joseph Lister	Mabel Fitzgerald	Miles Joseph Berkeley
Joseph Locke	Magnus Pyke	Miriam Louisa Rothschild
Joseph Needham	Marcus Laurence Elwin Oliphant	Monica Taylor
Joseph Norman Lockyer	Margaret Fairlie	Muir Wasson
Joseph Priestley	Margaret Gatty	Muriel Robertson
Joseph Rotblat	Margaret Law	Muriel Wheldale Onslow
Joseph Sampson Gamgee	Margaret Lindsay Huggins	Naomi Datta
Joseph Swan	Margaret Lowenfeld	Nehemiah Grew
Joseph Thomson	Margaret Lucas Cavendish	Nevil Maskelyne
Joseph Whitworth	Margaret Thatcher	Nevill Francis Mott
Joy Adamson	Margaret Turner-Warwick	Nicholas Culpepper
Józef Kosacki	Maria Bitner-Glindzicz	Nicholas Harold Lloyd Ridley
Julia Bell	Maria Gordon	Nicholas Saunderson
Julia Bodmer	Maria Petrou	Nicholas Shackleton
Julia Polak	Marianne North	Nigel Gresely
Julian Huxley	Marie Stopes	Nikolaas Tinbergen
Julian Tudor-Hart	Marion Gilchrist	Noreen Elizabeth Murray
June Almeida	Marion Ross	Norman George Heatley
Karen Spärck Jones	Marjory Stephenson	Norman Haworth
Kate Miriam Granger	Martha Annie Whiteley	Norman Lockyer
Katharine Giles	Martin Ryle	Olga Nikolaevna Uvarov
Katherine Jones	Mary Adela Blagg	Oliver Heaviside
Katherine Warington	Mary Anderson Marshall	Oliver Joseph Lodge
Kathleen Drew-Baker	Mary Ann Gilbert	Oliver Rackham
Kathleen Edith Carpenter	Mary Anning	Oliver Sacks
Kathleen Lonsdale	Mary Broadfoot Walker	Osborne Reynolds
Kathleen Ollerenshaw	Mary Buckland	Ove Arup
Kathryn Chaloner	Mary Cartwright	Patricia Clarke
Keith Campbell	Mary Dilys Glynne	Patrick David Wall
Keith Runcorn	Mary Dorothy Sheridan	Patrick John Ruthven Phizackerley
Keith Simpson	Mary Douglas Leakey	Patrick Johnston
Ken Seddon	Mary Elizabeth Barber	Patrick Manson
Ken Wallace	Mary Everest Boole	Patrick Matthew
Lancelot Thomas Hogben	Mary Fairfax Somerville	Patrick Maynard Stuart Blackett
Laurence Dudley Stamp	Mary Ferguson	Patrick Moore
Letitia Chitty	Mary Hannah Frances Ivens	Patrick Steptoe
Lewis Fry Richardson	Mary Jane Seacole	Paul Dirac
Lez Fairbairn	Mary Kingsley	Paul Fildes
Lilian Bland	Mary Lyon	Paul O'Brien
Lilian Jane Gould	Mary Mantell	Paul Reveley
Lillian Pickford	Mary Parke	Paul Younger
Lise Meitner	Mary Ward	Paweł Strzelecki
Lorna Casselton	Maurice Wilkes	Percy Cleghorn Stanley Hobart
Lorna Wing	Maurice Wilkins	Peter Brian Medawar
Louis Essen	Mavis Batey	Peter Dennis Mitchell
Louis Harold Gray	Max Perutz	Peter Mansfield
Louis Le Prince	Melanie Klein	Peter Miller
Louis Seymour Bazett Leakey	Michael Aldrich	Peter Neil Temple Wells



BANK OF ENGLAND

Peter Neville Robson	Robert Reynolds Macintosh	Sylvia Meek
Philippa Garrett Fawcett	Robert Robinson	Szent-Györgyi Albert
Philippe Rushton	Robert Ross	Tecwyn Roberts
Phyllis Kerridge	Robert Royston Amos Coombs	Tessa Laurie Holyoake
Phyllis Nicolson	Robert Stephenson	Thereza Dillwyn Llewelyn
Piers John Sellers	Robert Stirling	Thomas Addison
Rachel Alcock	Robert Thorburn Ayton Innes	Thomas Algernon Chapman
Rachel Mary Parsons	Robert Watson-Watt	Thomas Archer Hirst
Rachel Workman MacRobert	Robert Were Fox	Thomas Bayes
Ralph Bagnold	Robert William Thomson	Thomas Browne
Ralph Howard Fowler	Robin Milner	Thomas Edward Thorpe
Raymond George Gosling	Rodney Robert Porter	Thomas Fairchild
Raymond Unwin	Roger Bacon	Thomas Flowers
Reginald Arthur Shooter	Roger Bannister	Thomas Graham
Reginald George Stapledon	Roger Philip Ekins	Thomas Hancock
Reginald Jones	Ronald Aylmer Fisher	Thomas Harriot
Reginald Joseph Mitchell	Ronald David Laing	Thomas Hodgkin
Richard Arkwright	Ronald Ross	Thomas Hornsby
Richard Laurence Millington Syngé	Rosa Beddington	Thomas Huxley
Richard Lower	Rosalind Franklin	Thomas Kilburn
Richard Mead	Rosalind Pitt-Rivers	Thomas Lewis
Richard Owen	Rosalinde Hurley	Thomas Newcomen
Richard Price	Rose Scott-Moncrieff	Thomas Savery
Richard Roberts	Roy Chadwick	Thomas Stevenson
Richard Skemp	Roy Leonard Dommett	Thomas Sydenham
Richard Spruce	Rudy Kennedy	Thomas Telford
Richard Towneley	Ruth Bowden	Thomas Wright
Richard Trevithick	Ruth Sanger	Thomas Young
Rita Cornforth	Samuel Crompton	Tom Kibble
Robert Alexander Watson-Watt	Samuel Earnshaw	Tom Kilburn
Robert Anderson	Samuel Tolansky	Trevor Kletz
Robert Angus Smith	Sandford Fleming	Valerie Hunter Gordon
Robert Bakewell	Sarah Guppy	Valerie Myerscough
Robert Bamford	Sebastian Ferranti	Vera Rubin
Robert Boyd	Shaun Wylie	Vernon Charley
Robert Boyle	Sheila Rodwell	Victor Alexander Haden Horsley
Robert Brown	Sheila Sherlock	Victoria Drummond
Robert Edmond Grant	Sheina Marshall	Vinicio Barocas
Robert Fitzroy	Sidney George Brown	Walter Hancock
Robert Geoffrey Edwards	Sidney Ringer	Walter Morley Fletcher
Robert Grosseteste	Sidnie Manton	Walter Owen Bentley
Robert Hanbury Brown	Smithson Tennant	Walter Plowright
Robert Hill	Solomon Zuckerman	Walter Rothschild
Robert Hooke	Sophia Jex-Blake	Walter Thomas James Morgan
Robert Killick-Kendrik	Srinivasa Ramanujan	Warren De La Rue
Robert Knox	Stafford Beer	Wendy Sheila Atkin
Robert Liston	Stanley Hooker	Wildman Whitehouse
Robert Marsham	Stephen Hawking	Wilfred Bion
Robert McCance	Sydney Camm	Will Coulson
Robert McCarrison	Sydney Chapman	Will Hay
Robert Plot	Sydney Monckton Copeman	William 'Strata' Smith
Robert Rae	Sydney Selwyn	William Armstrong
Robert Recorde	Sylvia Dorothy Lawler	William Astbury



BANK OF ENGLAND

William Bateson	William Shockley
William Buckland	William Siemens
William Crabtree	William Simms
William Crookes	William Smellie
William Cubitt	William Smith
William Donald Hamilton	William Speirs Bruce
William Eccles	William Stewart Duke-Elder
William Edward Willoughby Petter	William Sturgeon
William Eifion Jones	William Thomson
William Fothergill Cooke	William Vallance Douglas Hodge
William Friese-Greene	William Walker
William Froude	William Walmsley
William Gilbert	William West
William Gregor	William Whewell
William Grove	William Withering
William Grylls Adams	Williamina Fleming
William Halse Rivers Rivers	Winifred Brenchley
William Hamilton	Winifred Tutin
William Harvey	Winifred Watkins
William Henry Bragg	Wyndham John Albery
William Henry Perkin	Yvonne Barr
William Herschel	
William Hume-Rothery	
William Hunter	
William Hyde Wollaston	
William Jackson Hooker	
William James Stirling	
William Jenner	
William John Anthony Hall-Turner	
William John Macquorn Rankine	
William Jones	
William Kingdon Clifford	
William Lassell	
William Lawrence Bragg	
William Leitch	
William Lyons	
William Marsden	
William Morgan	
William Murdoch	
William Nicholson	
William of Ockham	
William Parsons	
William Payne	
William Penney	
William Penny Brookes	
William Perkin	
William Ramsay	
William Richard Shaboe Doll	
William Robert Grove	
William Ross Ashby	
William Roy	
William Rutherford	
William Sealy Gosset	