

INTRO TO ASTRONOMY - COUNTING STARS (MULTIPLY)

01. Who is this course for?

This course is suitable to anyone who is interested in astronomy and numbers with a view to progressing to an astronomy course offered by the Leicestershire Adult Learning Service. Astronomy is both a practical and a theoretical subject and it is useful to get a 'handle' on numbers to appreciate the sheer size and extreme age of the Universe.

02. What will I learn?

The course will look at the planets, stars and galaxies in terms of numbers. Amongst the topics considered, we consider estimates for the number of stars in our Milky Way galaxy and the number of galaxies in the universe. How do the sizes and distances of the planets in our Solar System compare with those of the Earth? Astronomy often deals with extremely large or extremely small numbers and we will look at different ways of writing these.

03. How will I learn?

This is a 2 hour online session. Learners will have access to all the resources used. There will be the opportunity to ask questions and participate in a quiz. You will not be required to carry out any calculations.

04. What will I need to bring?

For this online course: suitable equipment (laptop with camera and microphone), software, and a reliable internet connection.

05. What skills or experience do I need?

This course is suitable for beginners with a fascination for astronomy and numbers. No prior experience is required.

06. How will I be assessed?

The Learning for Wellbeing curriculum uses formative and summative assessment methods to evaluate learner progress. You will work towards completing a set of class learning targets agreed at the start of the session.

07. What could I do after this course?

The Learning for Wellbeing curriculum offers a range of art, craft, sewing, cookery, dance and creative arts courses for you to continue developing skills specifically aimed at improving your wellbeing. This particular session offers a progression route into astronomy. The Adult Learning Service also offers courses in: Digital Skills; Languages; British Sign Language; ESOL; Maths and English; Skills for Jobs; Apprenticeships and Traineeships; Family Learning; Programmes for Adults with Learning Difficulties and/or Disabilities

08. How will I be supported in my learning?

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We aim to support all learners to succeed. When you enrol on your course you will be asked if you have any learning difficulties and/or disabilities which may affect your learning. This might include physical disabilities, neurodivergent needs (e.g., Autistic Spectrum Disorder, ADHD, dyslexia, or dyspraxia, etc.), visual and auditory impairments, or a medical condition which might affect your learning. Your tutor will contact you prior to joining the course to discuss what support can be put in place. For some learners this may mean organising extra time in exams or arranging for a Learning Support Assistant to support your learning in class. We also offer a wide range of assistive technology such as reader pens, screen readers, large print keyboards and screens, alongside in-class resources such as coloured overlays, large-print resources and more.

10. How do I choose the right course for me?

If you are unsure about which course may be right for you, our team of Learning and Work Advisers are on hand to offer FREE and impartial information, advice and guidance on learning and work options available to you. To book your free, confidential, and impartial appointment, please call FREEphone 0800 988 0308 or email LALS.LWA@leics.gov.uk.