

Cosmos Space Academy @ Coll & the Cosmos

A family version of our popular stargazing short breaks, suitable for all ages that includes fantastic, fun hands-on activities for the whole family. Spend time in our immersive digital planetarium to see incredible views of the universe. In July although the skies don't really get dark we can still observe through telescopes - see the Moon, maybe a planet or two and with special filters we can look at the fiery surface of the Sun! Join us on a voyage of discovery.

- **Session 1 – Saturday 11am – 1pm**
 - Welcome at An Cridhe with tea, coffee and juice provided
 - Brief introduction to 'Cosmos Space Academy'
 - Space Talk & Solar Observing (HA & white light telescopes)
- **Free time to explore Coll - Saturday – 1pm – 6pm**
- **Session 2 - Saturday 6pm-8pm**
 - 6pm-7pm – Planetarium session 'Solar Quest' learn how we are living with a star. Then familiarisation of the night sky, recognising constellations, finding the North Star and planets etc.
 - 7pm-8pm – 'Space Rocks' meteorite workshop, see and hold real samples of rocks from outer space that are 4.5 billion years old. Then have fun on a virtual reality space rollercoaster with our VR headset
- **Session 3 - Saturday 8pm-10pm** (short break at the beginning of session if required)
 - 8pm-9pm - Planetarium session including 'We are Aliens' (narrated by Rupert Grint) and learn all about New Horizons NASA's mission to Pluto
 - 9pm-10pm - Practical astronomy, naked eye, binocular and telescope observing session (with option to stay later if clear)
- **Session 4 - Sunday 11am – 1pm**
 - 11am-12.30pm – Design, decorate and launch bottle rockets that can fly up to 30m!
 - 12.30pm-1pm Clear skies - Solar observing session with HA & white light telescopes
Cloudy - planetarium session including a trip to the International Space Station
- **Free time to explore Coll - Sunday – 1pm – 6pm**
- **Session 5 - Sunday 6pm to 8pm**
 - 6pm-7.30pm - Land a rover on the surface of Mars using Xbox Kinect™ then simulate a Martian landing of your own with our 'Mars Egg Drop Lander' activity
 - 7.30pm-8pm - Space themed family quiz (prizes for winning team)
- **Session 6 - Sunday 8pm to 10pm** (short break at the beginning of session if required)
 - Planetarium session including 'Back to the Moon for Good' (narrated by Tim Allen)
 - Practical astronomy, naked eye, binocular and telescope observing session
 - Hand out 'Space Academy' certificates to all cadets