

MAD SCIENCE SUMMER CAMP 2011



Time: 10am – 3pm ** Age Range: 4 -11year olds ** Please remember a packed lunch

		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Mon 18th to Fri 22nd July	ALDENHAM Preparatory School School, ELSTREE , WD6 3AJ	Animal Antics	Journey into Space	Energy Burst!	Funky Forensics	Opposites Attract
	St Christopher School , Barrington Road, LETCHWORTH Garden City, SG6 3JZ	Olympic Science	Mix it Up	Secret Agent Academy	Fantastic Flyers	Get Connected
Mon 25th to Fri 29th July	Goldfield Infants' School , Christchurch Road, TRING , HP23 4EE	Olympic Science	Mix it Up	Secret Agent Academy	Fantastic Flyers	Get Connected
	Theydon Bois Primary School , Orchard Drive, THEYDON BOIS , Essex, CM16 7DH	Animal Antics	Journey into Space	Energy Burst!	Funky Forensics	Opposites Attract
Mon 1st to Fri 5th August	Russell Sch , Brushwood Drive, CHORLEYWOOD , WD3 5RR	Animal Antics	Journey into Space	Energy Burst!	Funky Forensics	Opposites Attract
	Newberries Primary School . Newberries Avenue, RADLETT , Herts WD7 7EL	Olympic Science	Mix it Up	Secret Agent Academy	Fantastic Flyers	Get Connected
	ST ANDREW'S C of E Primary School, Benslow Lane, HITCHIN , SG4 9RD	Secret Agent Academy	Fantastic Flyers	Get Connected	Olympic Science	Mix it Up
Mon 8th to Fri 12th August	PNEU Preparatory School , 88 the Drive, RICKMANSWORTH , WD3 4DU	Olympic Science	Mix it Up	Secret Agent Academy	Fantastic Flyers	Get Connected
	The Abbey CofE School , Grove Road, ST ALBANS , AL1 1DQ	Animal Antics	Journey into Space	Energy Burst!	Funky Forensics	Opposites Attract
	St Joseph's in the Park St Mary's Lane, HERTINGFORDBURY , SG14 2LX	Energy Burst!	Funky Forensics	Opposites Attract	Animal Antics	Journey into Space
Mon 15th to Fri 19th August	Haresfoot School , Chesham Road, BERKHAMSTED , HP4 2SZ	Energy Burst!	Funky Forensics	Opposites Attract	Animal Antics	Journey into Space
	Manland School , Sauncey Avenue, HARPENDEN , AL5 4QW	Olympic Science	Mix it Up	Secret Agent Academy	Fantastic Flyers	Get Connected
	St Christopher School , Barrington Road, LETCHWORTH Garden City, SG6 3JZ	Animal Antics	Journey into Space	Energy Burst!	Funky Forensics	Opposites Attract
Mon 22nd to Fri 26th August	Bushey Heath Primary The Rutts, BUSHEY , WD23 1SP	Energy Burst!	Funky Forensics	Opposites Attract	Animal Antics	Journey into Space
	The Firs Lower School , Station Road, Ampthill, BEDFORDSHIRE , MK45 2QR	Secret Agent Academy	Fantastic Flyers	Get Connected	Olympic Science	Mix it Up
	Sherrardswood School , 3 Lockleys, WELWYN , AL6 0BJ	Olympic Science	Mix it Up	Secret Agent Academy	Fantastic Flyers	Get Connected

SEE YOU SOON FOR LOTS OF FUN FILLED ACTIVITY DAYS!



Animal Antics

All About Animals brings children into the amazing animal kingdom! Children learn about diverse, astounding creatures on earth as they experiment with camouflage and get hands-on with wriggly worms and real tooth and claw replicas. Life in the Sea plunges children into the depths of ocean. Children explore different ocean ecosystems classifying creatures from sharks to sponges which gives them a taste of ocean diversity.

Journey into Space

Today we will journey through space in this epic exploration of the solar system. We will fill the space suit of an astronaut and discover what it would be like to live in space. The sun, moon, stars and gravity will all be explored today as we create our own soapy models of the solar system. We will complete the Space day by sending a Mad Science rocket up into the atmosphere.

Energy Burst!

This energetic class explores energy transfer and energy conservation! Children jump and push up to reach their potential. Children will spring into action with poppers, Boinks, and jumping bugs. We will also catapult into Newton's three laws of motion! Performing hands-on experiments to help the children learn that objects tend to stay in motion or remain at rest unless met by an unbalanced force. We will be sending crash test dummies flying and yanking a cloth from under dishes (with no breakages)!

Opposites Attract

Make your hand stand on end in this electrifying day! We will explore static electricity and discover why positive charges like negative charges whist having super fun making circuits using our Plasma Ball. Will you be able to stick a balloon to a wall? Using our Mighty Magnets we will determine why some objects attract and objects repel. Discover amazing things that glow bright in the dark and come to light! Probe the properties of light and understand why can we see a rainbow in a puddle?

Funky Forensics

Figure out the science of forensics in this hands-on look at crime scenes. Evidence collection and puzzle making will lead them to understand why forensic scientists like to understand the complete picture before they make decisions. Suspects, schematics, and sleuths... oh my! Connect the dots using science to help solve a crime in this hands-on investigation at the science of sleuthing.

Secret Agent Academy

Look out 007—the Mad Science Spy Academy is in session! Sharpen your surveillance skills with the science of security! Children discover the science and technology behind locks, surveillance systems, and burglar alarms! Analyse spy tools from metal detectors to spy bugs and much much more

Olympic Science

What do footballers, scientists and ballet dancers have in common? Explore how Newton helps us learn why we move the way we do and improve the games we play. Campers experiment to see how Science affects our equipment, movement and technique. Can we stop Eggbert from ending up like humpty dumpty when he does his parachute jump? This day is piled high with fun and games – you won't know where the day has gone!

Mix it up

Get messy with chemistry! Perform instantaneous experiments in this fast-paced class on split-second reactions that go like mad! We will get ooey and gooey with Mad Science Magic Mud; is it a solid or a liquid? This class also challenges children to branch out into the physical aspect of chemistry. A four layer mixture shakes up the idea of water and solutions. Children pick up concepts of physical mixtures, solutions, and suspensions with sorting activities.

Get Connected

Children check out telecommunication technology and assemble sound wave-making devices. They set-up telephone networks and learn about frequencies on walkie-talkies and cell phones. Discover the Science around Sound! Does sound travel better through a wall or through the air? Children become wrapped up in the world of robotics! Children circulate learning centers to control an automaton through sound, move a robot through a maze, and make a soccer robot score a goal!

Fantastic Flyers

3 2 1.....blast off! Study the science of the future as we create and launch our own paper rockets 200ft high! Courtesy of Mr Bernoulli's laws of flight we can make all sorts of this move through the air! Using our knowledge of forces and aerodynamics, the children will create paper planes to change direction and attempt loop the loops!

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BOOKING AND CANCELLATION PROCEDURE

To secure a place, you will need to complete our booking form and return it to us with a cheque. Alternatively, you can register online or by phone and pay by debit or credit card. If you need to cancel your child's place, you will receive a refund providing it is more than 10 days from the course start date.

GENERAL

- Mad Science reserves the right to cancel any holiday club if less than 10 children are registered. In the event of cancellation, we will offer the option of an alternative date/time or a full refund.
- Mad Science reserves the right to exclude any child who is disruptive to the extent that it affects the safe running of the session.
- A confirmation email/letter/text will be sent to you once a booking form and payment has been received.
- Whilst every effort is made to ensure the club runs as advertised, Mad Science reserves the right to change the content of a session or topic without any prior notice.
- Where any child or parent/guardian of a child has a complaint about any aspect of the course, he/she should address the matter immediately in writing to the relevant Branch Manager. Our aim is always to ensure we deliver high quality sessions. When we are aware of the problem, we will endeavour to rectify it immediately. No recompense can be considered for any issue which was not brought to our attention at a time when it was possible to rectify.
- It is essential that incident reports are signed by parents on collection their child.
- We advise against bringing mobile phones because of risk of damage or loss. Parents will be given a number of the camp leader should they need to contact their child.
- The ratio of adults to children is typically 1:8.
- All of our camps are covered by public liability insurance and all of our staff are CRB checked.
- We are required to keep a record of any medication administered whilst in attendance and you must inform us in writing if any medication is required to be administered.
- We are committed to providing a caring, friendly and safe environment for all of our children so they can participate in fun learning sessions in a relaxed and secure atmosphere. Bullying of any kind is unacceptable at our camps. If bullying does occur, all children should be able to tell and know that incidents will be dealt with promptly and effectively. Anyone who knows that bullying is happening is expected to tell the Mad Scientists.

BOOKING FORM BELOW



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TO BOOK:

Phone: 01727 824700



Internet: visit www.madscience.org/east and click registration

Post: Fill in this form and send it back with a cheque to Mad Science, The Hertfordshire Business Centre, Unit 21, Alexander Road London Colney, AL2 1JG

Please write the names of the children and the camp venue on the back of the cheque and make cheques payable to Science Adventures CIC

PARENTS DETAILS						
Parent' Name:				E-Mail:		
Contact No:						
Address:						
CHILDRENS DETAILS						
Location	Dates	Child's Name	Date of Birth and Age	Health or Behavioural Concerns	Cost	Emergency Contact Name & Number if different from above
Picked Up By:				Total Cost:		
Payment By: Card (pls phone 01727 284700) – Cheque - Cash						

Cost: *1 or 2 days £32 * 3 or 4 days £30 * 5 or more days £28 *

****New Group Discount!** = book 5 children or more for any number of days and each child comes along for £25 per day!

NB: Siblings calculated on total number of days: e.g. 2 children 3 days each = 6 days = £168

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