

Events in the school year 2018-2019

Keep an eye out for major science events that can be integrated in your teaching and learning and that may be coming up during your school year! Is there a solar eclipse, a live video broadcast from a space mission, a global hackathon or a science Olympiad?

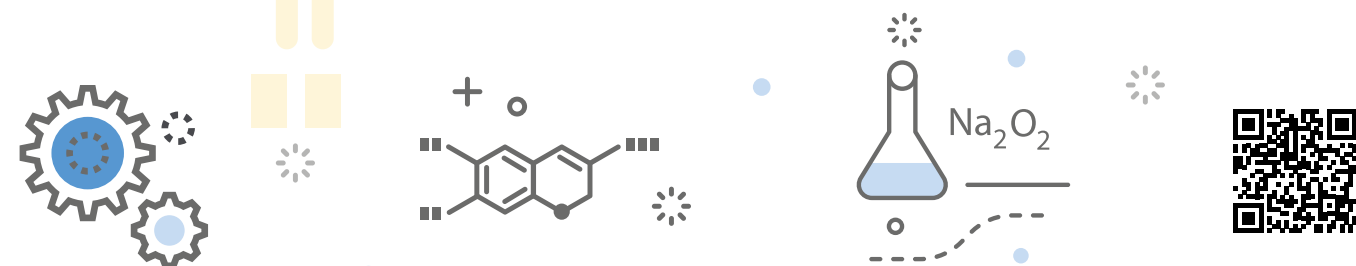
For the school year 2018-2019, you may want to follow the landing of the Mars InSIGHT mission or the SpaceX Crew Dragon. In autumn 2018, you can participate in a competition dedicated to diversity in Science, Technology, Engineering and Mathematics (STEM) as part of the STEM Alliance Back to School campaign. Or in spring, various activities of the popular STEM Discovery Week from 22 to 28 April 2019.

Some important scientific milestones are also worth mentioning that can easily be integrated in schoolwork

In October 2018 NASA launches a new three-year campaign dedicated to the 50th anniversary of the Moon-landing missions. In May 2019, one hundred years will have passed since Sir Arthur Eddington performed the first experimental test of Albert Einstein's general theory of relativity. The International Astronomical Union will also celebrate its centenary in 2019 with a year-long campaign "Uniting our World to Explore the Universe".

Last, but not least, the United Nations has proclaimed 2019 the International Year of the Periodic Table of Chemical Elements (IYPT 2019) to celebrate the 150th anniversary of Dimitry Mendeleev's discovery of the periodic system in 1869.

Read more: www.scientix.eu/events/campaigns



Annual science campaigns to mark in schools' calendars

The STEM Discovery Week, celebrated in the last week of April every year, is a very important campaign aimed at raising awareness about studies and careers in Science, Technology, Engineering and Mathematics (STEM). But there are also many other campaigns happening throughout the year that share this objective, some thanks to the United Nations, the European Union or other international organisations, while others are organised nationally or locally. Scientix

actively supports the dissemination of a number of those campaigns, in addition to the STEM Discovery Week, which are featured in this brochure to help educators take note of those important dates in their calendars.

Stay up-to-date with upcoming campaigns and events in science education on the Scientix online portal, at: www.scientix.eu/events/campaigns



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September

Back to School (Dates vary) – Take part in various campaigns across the world to celebrate the start of a new school year, or make one of your own! Scientix and STEM Alliance are among the initiatives that organise activities for educators each year at this time. Read more: www.stemalliance.eu/campaigns/

Eratosthenes Experiment (Autumn equinox day) – Register your school for the Eratosthenes Experiment and join other schools in a major science activity to measure the Earth's circumference, organised twice a year around the autumn and spring equinoxes. Read more: eratosthenes.ea.gr/

European Researchers' Night (Date varies) – You can visit or organise an event around the end of September each year during the European Researchers' Night, an initiative highlighting researchers' work and public engagement in science across Europe. Read more: ec.europa.eu/research/mariecurieactions/

October

World Teachers' Day (5 October) – Join hands with Scientix and people across the world to pay recognition to educators and show how crucial they are to all communities, at all levels of education ranging from pre-school to universities. Read more: en.unesco.org/commemorations/worldteachersday

World Space Week (4-10 October) – Celebrate with Scientix the contributions of space science and technology to the betterment of the human condition during World Space Week in October, first recognised by the General Assembly of the United Nations in 1999. Read more: www.worldspaceweek.org/

EU Code Week (Dates vary) – Help raise awareness with Scientix about the importance of computer science and coding skills for Code Week in October, which is a grassroots initiative supported by the European Commission to enhance everyone's digital literacy. Read more: codeweek.eu/

November

World Science Day for Peace and Development (10 November) – First proclaimed by the United Nations Educational, Scientific and Cultural Organisation (UNESCO) in 2001, this day pays tribute to science and its important role in each society, in which the public is actively engaged. Read more: www.unesco.org

February

International Day of Women and Girls in Science (11 February) – In an effort to increase the number of women in science studies and careers, the United Nations General Assembly declared in 2015 that 11 February of every year should be dedicated to women in science. Read more: www.womeninscienceday.org/

Safer Internet Day (First Tuesday of February) – Help promote with Scientix a safe and positive use of digital technologies around the world, in which millions of people unite to inspire a positive change and raise awareness about online safety in various events and activities. Read more: www.saferinternetday.org/

March

World Wildlife Day (3 March) – Bring everyone's attention to endangered species, sustainability and the importance of nature preservation with Scientix on World Wildlife Day, which tackles various human activities and other issues that put habitats and populations at risk. Read more: www.wildlifeday.org/

PI Day (14 March) – Pi, also symbolised with the Greek letter " π ", is a major discovery in the field of mathematics that expresses the ratio of the circumference of a circle to its diameter and is celebrated on 14 March every year, based on Pi's first three digits 3.14. Read more: www.piday.org/

European Science Day for Youth (Date varies) – During one day in March organised by the International Movement for Leisure Activities in Science and Technology (MILSET), young people are invited to develop activities in various areas of science and technology. Read more: esdy.milset.org/

World Water Day (22 March) – Water is our most important source for life, but access to fresh water of good quality cannot be taken for granted and that's why 22 March is dedicated to this subject, to raise awareness about the importance of sustainable water management. Read more: worldwaterday.org/

World Meteorological Day (23 March) – Dating back to 1961, this day raises awareness about the importance of meteorology and climate research as the Earth's population faces destructive natural hazards like tropical storms, heavy rains, flooding and droughts. Read more: public.wmo.int/en/resources/world-meteorological-day

April

World Health Day (7 April) – As a major public awareness initiative of the World Health Organisation, this day draws people's attention to various issues in health care and medicine, ranging from specific diseases and treatments to universal health coverage. Read more: www.who.int/campaigns/world-health-day/

Earth Day (22 April) – You can join Scientix in one of the world's largest environmental movements on 22 April every year, which mobilises people, communities, businesses and policymakers in more than 190 countries to tackle environmental issues that affect our daily lives. Read more: www.earthday.org/

STEM Discovery Week (Last week of April) – Mark this week in your calendars for April to participate in various activities dedicated to studies and careers in the fields of Science, Technology, Engineering and Mathematics (STEM), originally launched by Scientix and the STEM Alliance. Read more: www.scientix.eu/events/campaigns

International Girls in ICT Day (Fourth Thursday of April) – Participate with Scientix in this global movement to

empower and encourage girls and young women to acquire ICT skills and to consider career opportunities in relevant sectors. Read more: www.itu.int/en/ITU-D/Digital-Inclusion/Women-and-Girls/Girls-in-ICT-Portal/Pages/Portal.aspx

May

International Day of Light (16 May) – Join Scientix in a global celebration of light on 16 May every year, to underscore how important light is to science, culture and art, education and sustainable development, as well as medicine, communications and energy. Read more: www.lightday.org/

Fascination of Plants Day (18 May) – The world's food and non-food production rests on the sustainable use of plants and that is why 18 May of every year is dedicated to plant science and agriculture, to highlight how important those fields are to a planet's sustainable future. Read more: www.plantday.org/

International Day for Biological Diversity (22 May) – The United Nations' General Assembly declared in 1993 that 22 May should be dedicated to the subject of biodiversity and since then this day has put emphasis on a sustainable use of the world's resources. Read more: www.un.org/en/events/biodiversityday/

June

World Environment Day (5 June) – Do something for your Earth and help Scientix encourage others to take care of it by joining World Environment Day on 5 June, which has been celebrated every year since 1974 thanks to a declaration from the United Nations General Assembly. Read more: www.worldenvironmentday.global/

World Oceans Day (8 June) – As pollution and waste put our seas at risk, this public outreach campaign becomes increasingly important, to raise awareness about the role of the oceans in ecology and biodiversity, food production, climate change and people's general well-being. Read more: www.worldoceansday.org/

World Asteroid Day (30 June) – Take a look at the sky with Scientix on 30 June every year and ponder about all things related to the universe and how we came to be, as this day raises awareness about asteroids and the importance of space observation. Read more: asteroidday.org/

