

Topical Science Update

Human Exoskeletons



Technology never stops evolving and yesterday's Science Fiction is often tomorrow's reality. The development of human exoskeleton systems has the ability to change so many lives in different ways.

Providing more protections and endurance for the armed forces, assisting workers who have to lift or use heavy equipment and supporting people with disabilities to live somewhere near a normal life again.

As with a lot of technological advancements the idea is based on nature – some insect and crustacean species have exoskeletons to protect and support them.

[Rise of the Exoskeleton](#) [Assisted Walking](#) [Insect Exoskeletons](#)

[Exoskeleton Applications](#) [Overcoming Paralysis](#)

Are the Machines coming for us?

The quest for artificial intelligence (AI) began over 70 years ago, with the idea that computers would one day be able to think like us. Ambitious predictions attracted generous funding, but after a few decades there was little to show for it.

But, in the last 25 years, new approaches to AI, coupled with advances in technology, mean that we may now be on the brink of realising those pioneers' dreams.

[The Future of AI](#) [History of AI](#)

[Can Machines Really Think?](#)

The Big Debate – Do we have the right to litter space?

Last month we looked at the growing problem of space junk and this month a 'new star' has been launched from New Zealand. This poses the question – Do we have the right to put anything we want into space? What do you think?

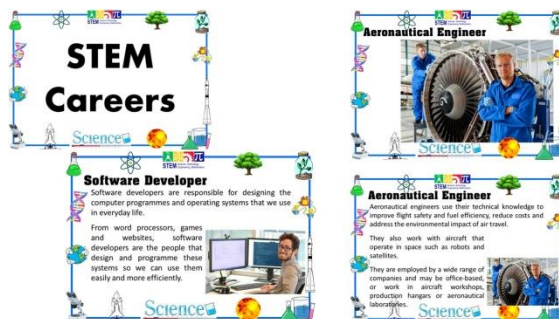
[Fake Stars](#) [Humanity Star](#)



The 9th – 18th March is British Science Week – a ten day celebration of Science, Technology, Engineering and Maths. The theme this year is Exploration and Discovery and there are excellent resources available to download [here](#).

Keep up to date with what's going on at [BSW](#) and on Twitter #BSW18

Do you know about STEM Careers?



Improving children's knowledge of the range of STEM careers available is important to engage them in STEM subjects. This new resource has posters for 66 different STEM careers to help broaden your pupils horizons.

Free to download from [TES](#) or [Dropbox](#). An editable version is also available for free by emailing topicalscienceupdates@gmail.com

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