

Year of the Sea

DESIGN A SUPERHERO!

2018 is the Heriot-Watt Year of the Sea, celebrating the amazing wonders of the oceans! Throughout the year, there will be activities and events to share our research, inspire wonder and ignite curiosity.

We are searching for a superhero for the Year of the Sea - to explore the deep, solving the mysteries of the unknown, and working out how we can protect our seas from the threats they face!

The designers of the best superheroes will receive a VIP visit to the underwater exploration zones at Heriot-Watt University, as well as a special-edition comic featuring their superhero!

Deadline: 19 January 2018

The small print:

- Open to all primary school age children in Scotland.
- There will be winners in 3 age groups (4-6, 7-9, 10-12).
- Must be hand-drawn.
- Email to HWEngage@hw.ac.uk, or post to: HW Engage, Research & Enterprise Services, Scott Russell Building, Heriot-Watt University, Edinburgh, EH14 4AS.
- For more information, go to www.hw.ac.uk/yots



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Our oceans cover 70% of the world's surface, and yet they are the least explored of all areas, even the moon! While we can't see the mysteries of the deep, we do know that human actions are affecting the amazing creatures that live out of sight.

Our researchers are working on solutions to the challenges facing our oceans today, which include:

- mega and microplastics
- sea level rise
- ocean acidification
- warming seas
- coastal erosion
- oil spills
- deep sea mining
- deoxygenation
- flooding
- how to explore the deep oceans, and even under the ice!
- bioaccumulation of heavy metals
- marine litter

