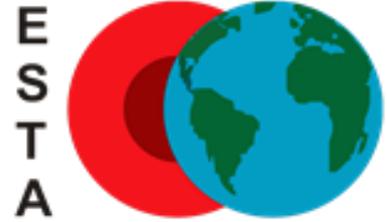




Earth Science Week 2018 Competition for Schools



Celebrate Earth Science Week 2018 with the PESGB and ESTA

Economic Minerals Matter



Tantalite

Credit: U.S. Geological Survey/photo by Andrew Silver



Brick wall in English cross bon pattern

Credit: Oula Lehtinen – CC-BY-SA-3.0



Fluorite between two quartz crystals

Credit: Rob Lavinsky – CC-BY-SA-3.0

To celebrate Earth Science Week 2018 (October 13th - 21th), PESGB and ESTA are running a national competition for UK schools: “Economic Minerals Matter”.

This national competition, based on the idea that Earth Science matters in our lives, focuses on economic minerals – the metals, minerals, rocks and hydrocarbons extracted from the Earth by mining, quarrying and pumping. Economic minerals affect our lives and are used in a wide range of ways such as construction, manufacturing, agriculture and energy supply.

Your challenge is to:

- select an economic mineral that is essential to your life,
- explain why this economic mineral matters to you,
- show your knowledge and understanding of how the economic mineral is extracted and used,
- produce an A3 poster that is eye-catching and informative, and which would be understood by students of your own age.

Entries will be featured on the ESTA and PESGB websites and newsletters. Each entrant will receive a signed certificate.

Prizes (for the competition winner and the winner’s school) will be awarded for the best entry judged on originality, impact and the level and quality of information provided.

The competition is open to individual students in the age categories 9-11, 12-14, 14-16 and 16-18. (Students must enter the category they will be in on 1st October 2018)

All entries must be accompanied by a completed entry form (see separate document).

Send your entry by 31st December 2018 to: pesgbesta@esta-uk.net

Work on your poster must be original. Your poster may include drawings, diagrams, maps or photographs. If you wish the poster may be based on a PowerPoint presentation you have produced.

Please don’t forget: All images and words must be your own (i.e. work you have done yourself).