

## Cornwall School Mining Games 2018

We had an exciting opportunity for our students to be involved and compete in the Cornwall School Mining Games on Monday 26<sup>th</sup> March 2018!



The International Mining Games (IMG) will be running from Thursday 29<sup>th</sup> March- Sunday 1<sup>st</sup> April. The 2018 chapter is being hosted at King Edward Mine, near Camborne, the original home to Camborne School of Mines and the competition for the universities are still going finishing on Sunday with the Man Engine making an appearance.

Each school had the opportunity to enter a team of 6 Year 8 students to compete in the Cornwall School Mining Games. Our school is paired with one of the University teams competing in the International Mining Games. Wadebridge School is paired with the University of Kentucky the 'Wildcats'. This gave our students the opportunity to learn all about Higher Education and immerse themselves in the world of Mining as part of an internationally recognised competition!

This event will inform your students in a number of areas in the curriculum including:

- The composition of the earth
- The Rock cycle and the formation of igneous, metamorphic and sedimentary rocks
- Earth as a source of resources
- How physical processes change landscapes
- Local history – Mining heritage
- Select and use various mathematical calculations to Survey a small area
- Supporting student development of reading, writing and research skills.





There was 7 events for students to compete in:

Gold Panning

Track Laying (laying wood a specific measurements at speed in a railway track layout.)

Hand drilling (Using a hand drill bit and mallet to hammer into solid concrete)

Mucking out (Shovelling into a wagon)

Surveying (using bearings and measurement to place pegs into the ground.)

Mineral Processing (sorting 5 mixed minerals into separate minerals using different methods for each stage.)

Swede Saw (bow sawing a piece of 4 by 4 wood along a specific line penalties would be given for going off the lined area)

We had a wonderful day showing great teamwork and encouragement of others. As a team we won 2 of the 7 events, Surveying and mineral processing.

