

# BBC Teachers - The Beauty of Maps

## Teacher's video script: Digital maps

### Directions

The video clip needs to be paused frequently.

The timings are given in the script to allow you pause the video at points to discuss what is shown and complete the accompanying worksheets.

Below each of the times is a copy of the information that you will hear.

All the answers needed to fill in the missing words are on the accompanying worksheet are contained within the audio commentary.

### Script

00.00 to 00.18

For centuries map makers used their imagination and knowledge to create maps of the world that were beautiful works of art. Part fact, part fiction.

00.19 to 00.28

By the end of the 20th Century satellite technology meant that every tiny detail of the worlds' geography could be accurately mapped. So fact prevailed.

00.29 to 00.35

But massive amounts of data make it impossible to use traditional drawing methods. So, cartography went digital.

00.36 to 00.54

These maps can change and resize depending upon the subject; they can show movement over time and reveal invisible features of the modern world such as people communicating via the internet.

00.55 to 01.08

These maps show how digital technology can produce beautiful art by generating pictures of parts of the world that we assume are

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invisible.

01.08 to 1.22

This map shows how 20, 000 Internet networks communicate. The colours show popularity.

1.22 to 01.36

This is a map of blogging. The tangled lines show the frantic nature of the activity. This mysterious picture makes the unknown known.

01.37 to 01.41

Digital maps enable us to see things for the first time.

01.42 to 1.49

For example, this map is the dark side of the moon.

01.50 to 02.13

And this is the universe. 4 billion light years wide, it is the biggest space ever mapped.

02.13 to end.

These brightly coloured maps tell wonderful stories from the unknown where yet again map makers are using their imagination to complete the picture.