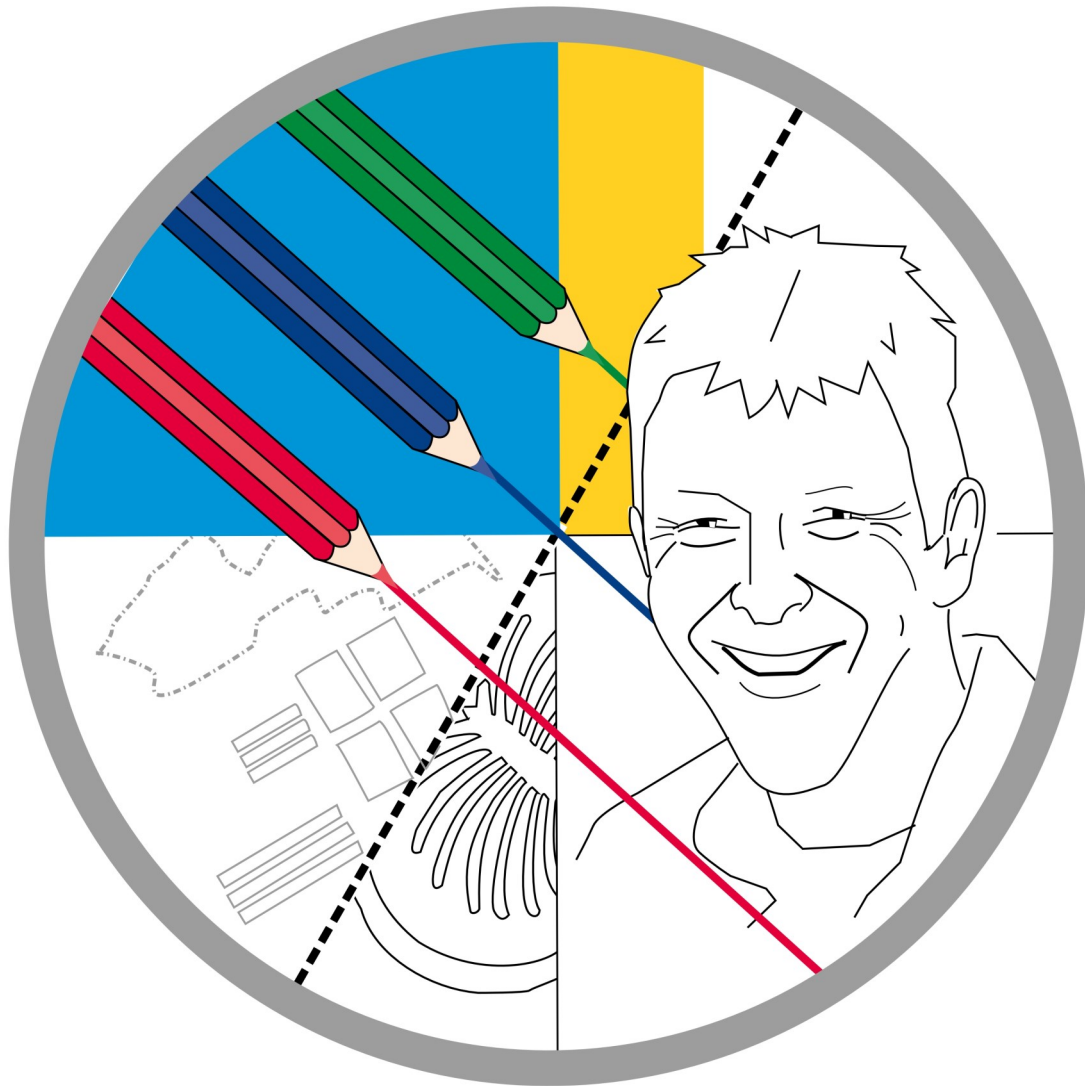


# Colour in the Earth!



with Tim Peake



## About this booklet

During his mission to the International Space Station, Tim Peake shared many spectacular photographs of the Earth. This resource uses some of these to support children in recognising features from an aerial view, and develop their understanding of maps and keys/legends.



*The camera store on the ISS (Tim Peake/ESA/NASA)*

The booklet includes simplified line drawings created from a few of Tim's photographs that, between them, illustrate a wide range of human and natural features (including most of those explicitly listed in the English National Curriculum for Key Stages 1 & 2). Several of the features emphasised in each drawing are listed so children can create a key, effectively beginning the process of changing the photograph into a map. Copies of the selected areas of each photograph are included on the back cover for reference, but can be seen more clearly online, using the link on each diagram.

There are also outlines of the British Isles allowing children to illustrate what they think the country looks like in different seasons, and we have included relatively cloud-free images from our NEODASS service to support this.

We would love to hear how you have used these resources. Please let us know by completing the questionnaire at <https://goo.gl/Lk1t8i>

## Taking it further

A supporting presentation and teacher guide is available to download from the European Space Education Resource Office (ESERO-UK) Tim Peake page <https://www.stem.org.uk/esero/tim-peake>. Other EO Detective resources are also available on this site. These are aimed at children of all ages and also use astronaut photographs and satellite images to deliver aspects of mathematics, science, geography and computing. You can see an outline of the activities on our blog, [eodetective.wordpress.com](http://eodetective.wordpress.com).

If you would like to have a go yourself, more detailed versions are available on the Principia mission website <https://principia.org.uk/activity/eodetective/> and our blog (address above).

On Twitter, @EODetective shares recent pictures of the Earth from space, ISS news and information about applications of Earth observation – do follow us and share your completed images!

If you have any other questions or feedback, please contact [EODetective@le.ac.uk](mailto:EODetective@le.ac.uk)

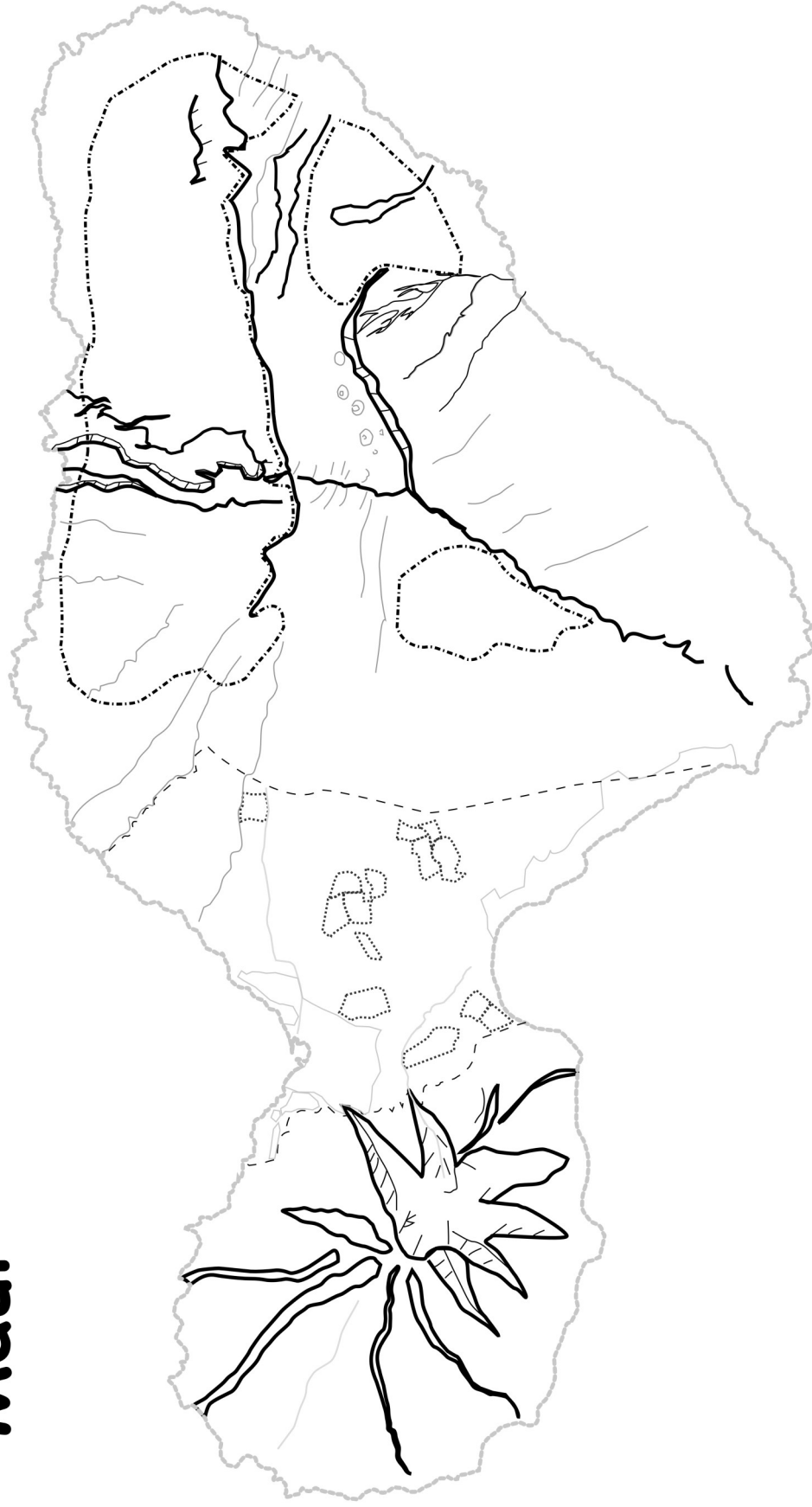


**National Centre for  
Earth Observation**  
NATURAL ENVIRONMENT RESEARCH COUNCIL

*Resources produced by Catherine Fitzsimons from NCEO with help from Dominic Remedios. Illustrations by Claire Burwell ([claireburwell.com](http://claireburwell.com)). Thank you to those who gave feedback on some early versions at the National Space Centre World Space Evening event on 1 October 2016.*



# Maui



ocean



coast



forest



mountain



valley



fields

# Antwerp



river



road



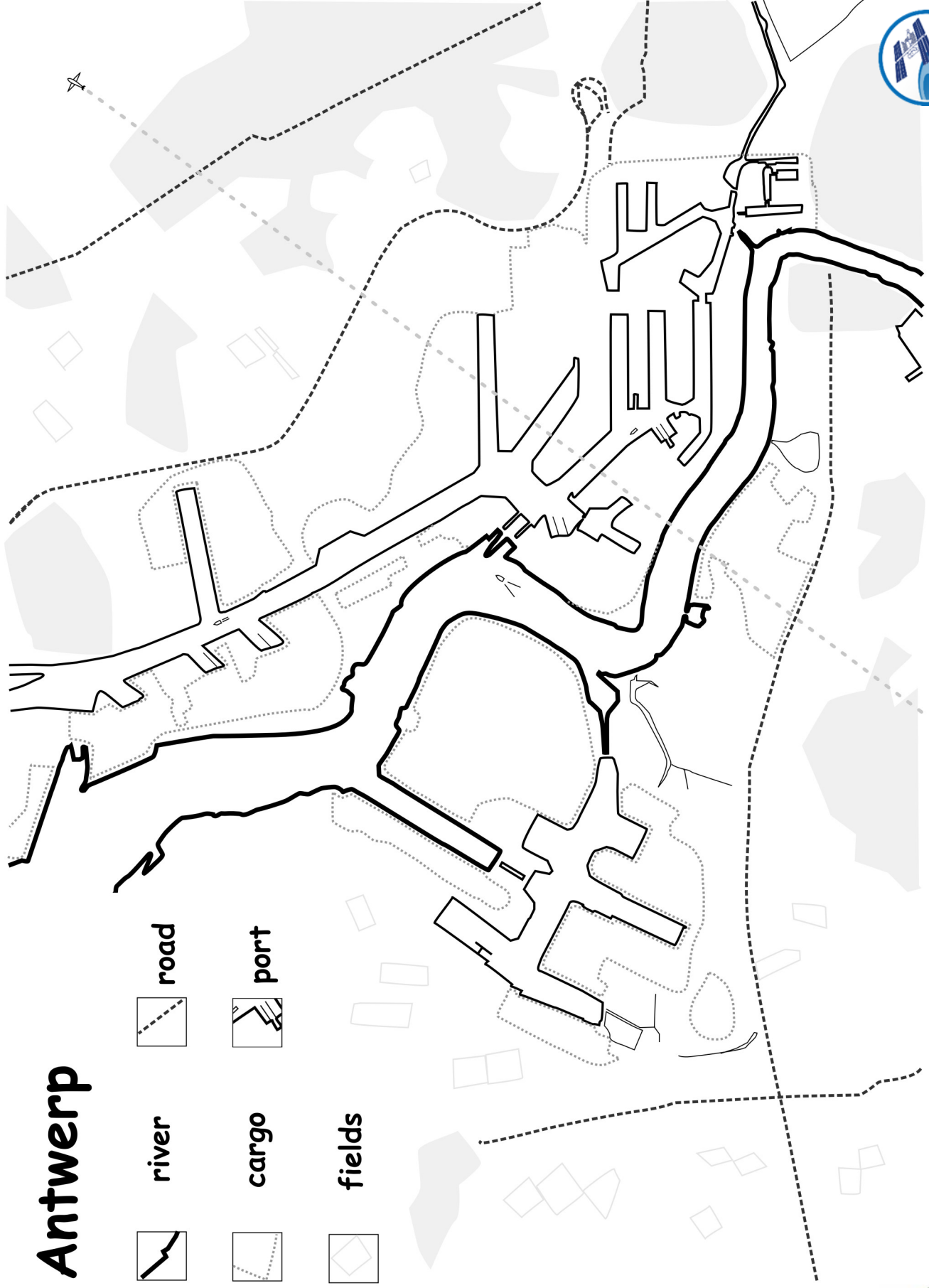
cargo

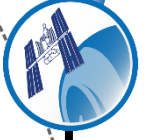


port









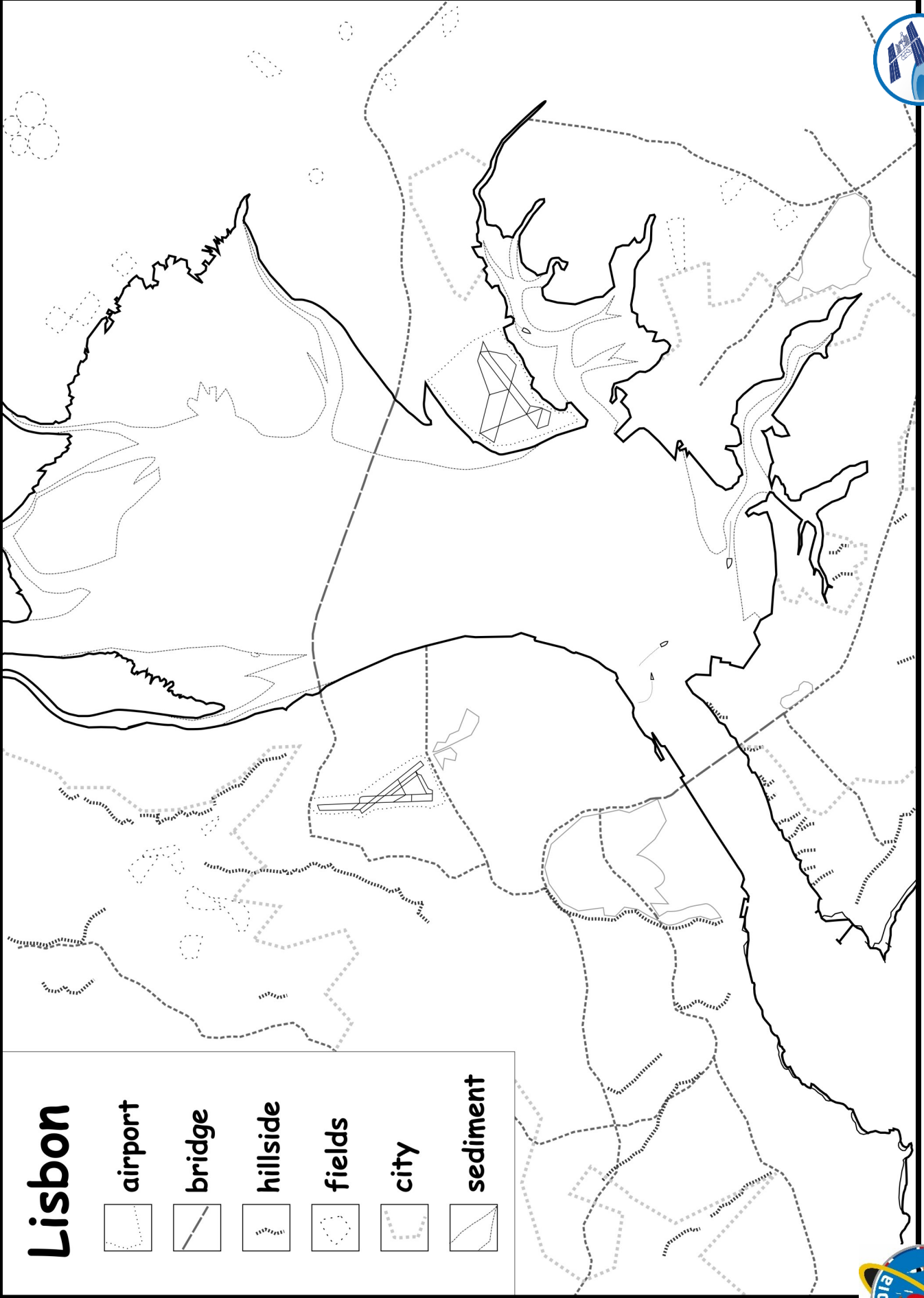
fields





# Lisbon

	airport
	bridge
	hillside
	fields
	city
	sediment



# Ibiza



cliff



harbour



hill



house



valley



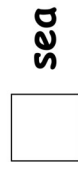
town



island



# Sicily



sea



volcano



snow



river



village



town

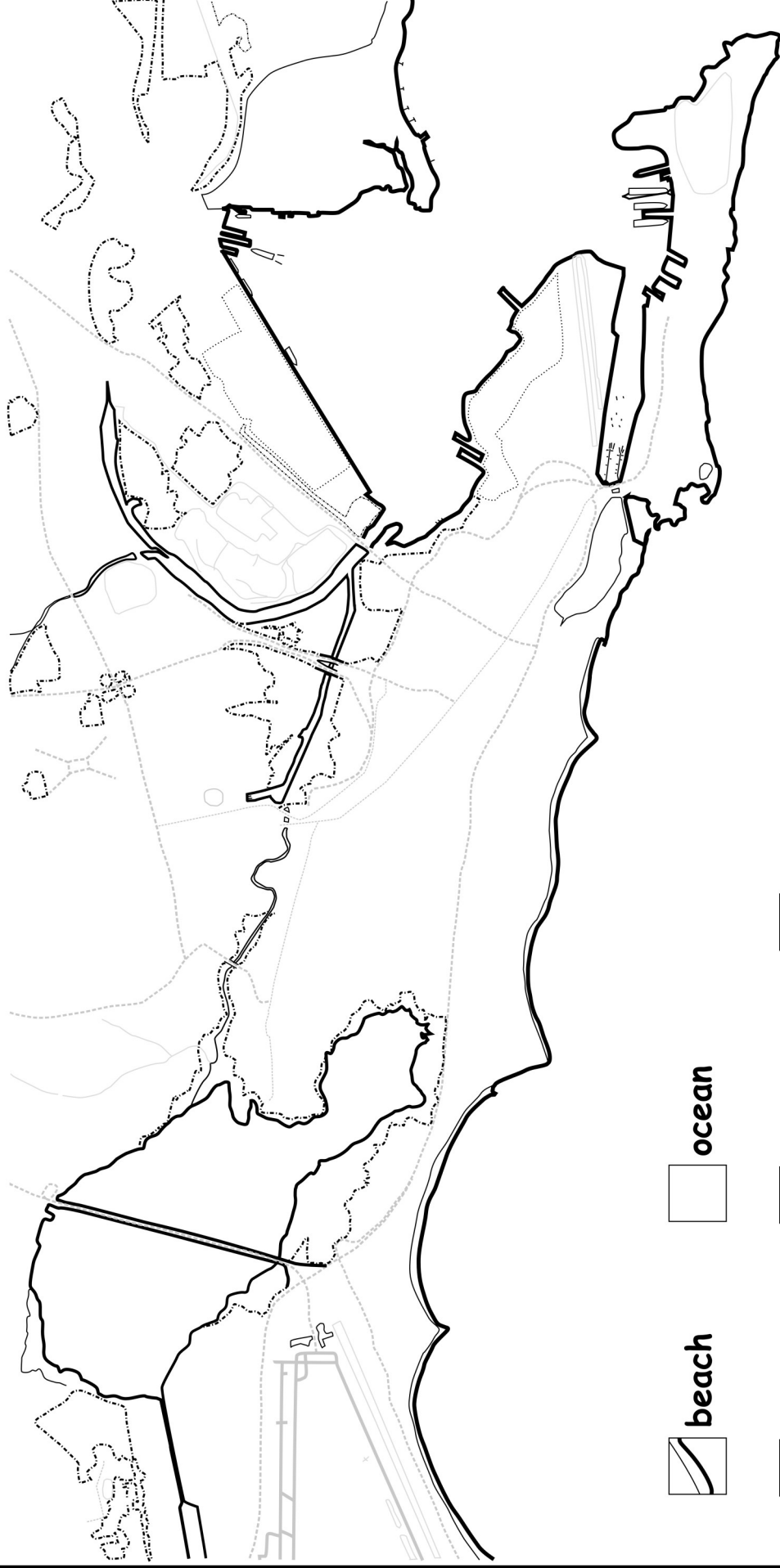


beach

# Sicily



# San Juan



beach



ocean



port

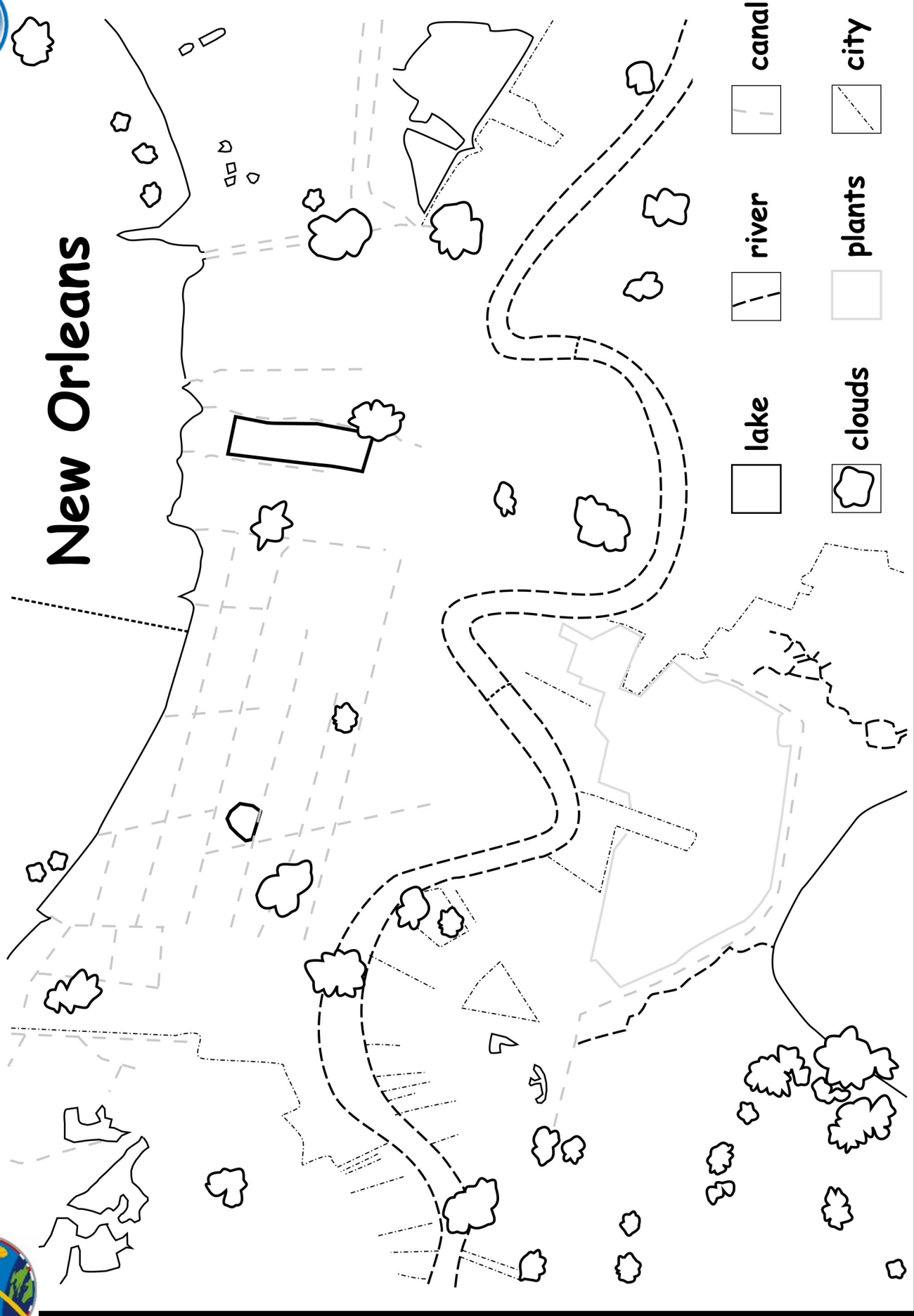


cargo

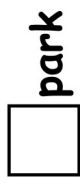


plants





# Dubai



park



road



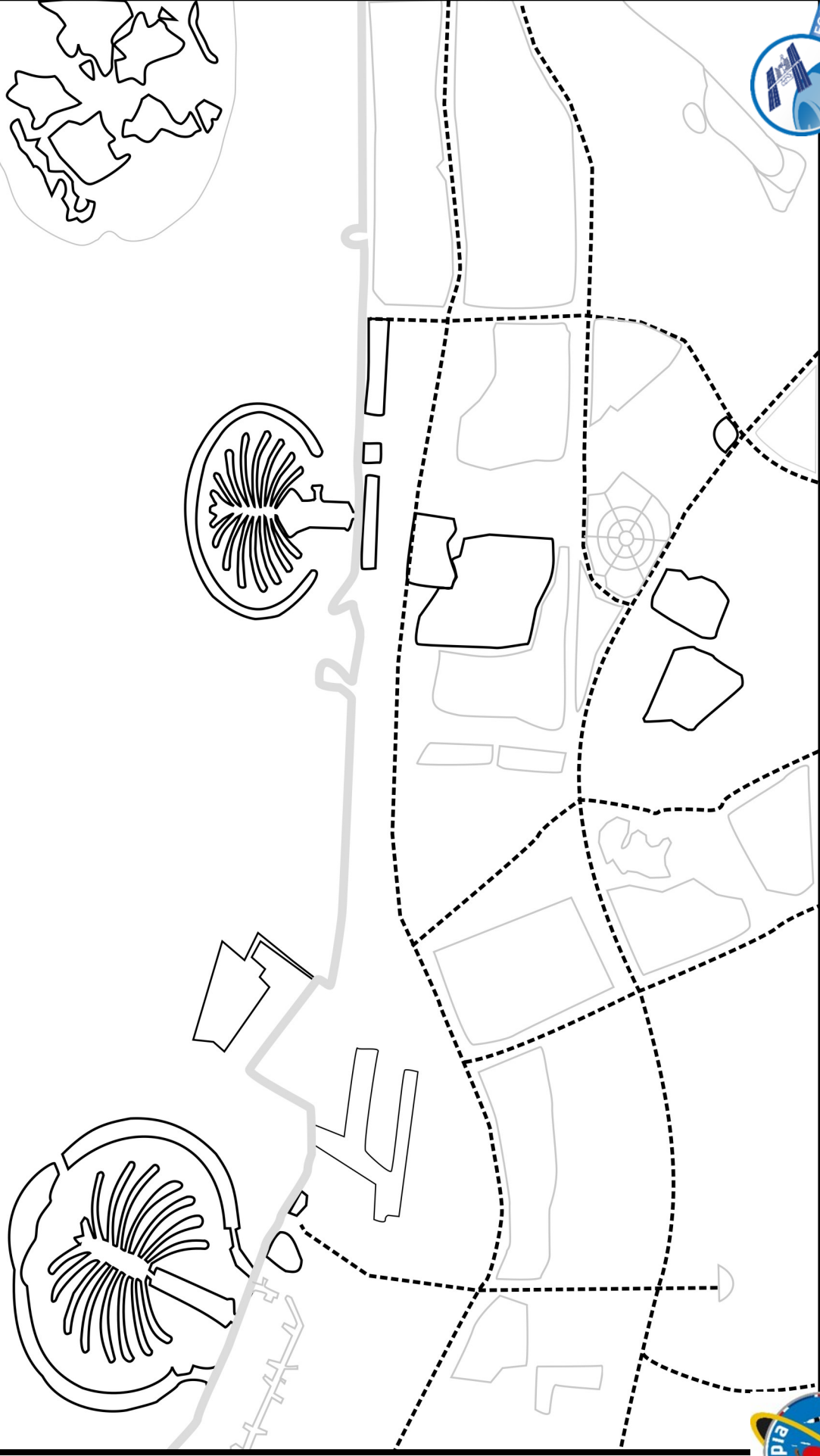
desert



coast



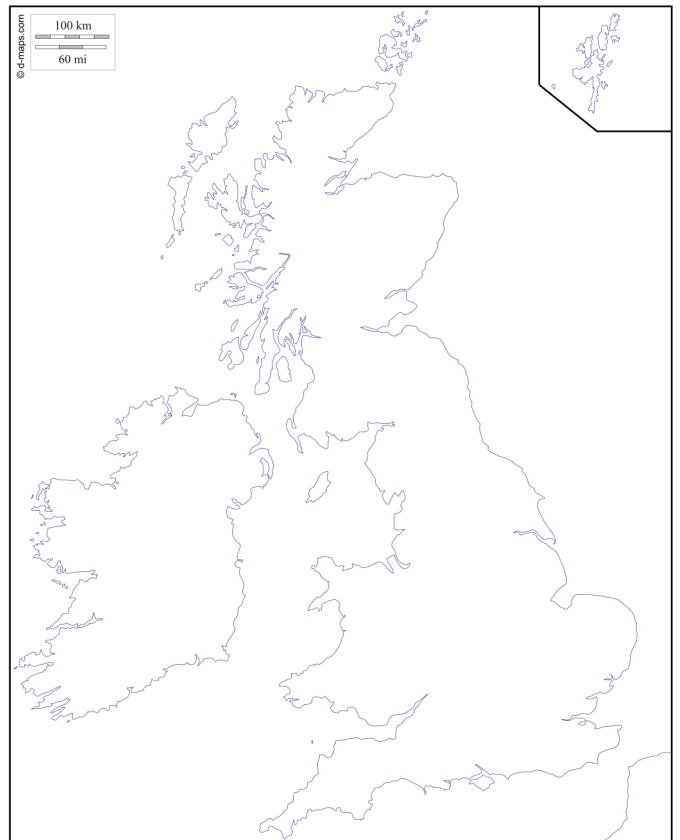
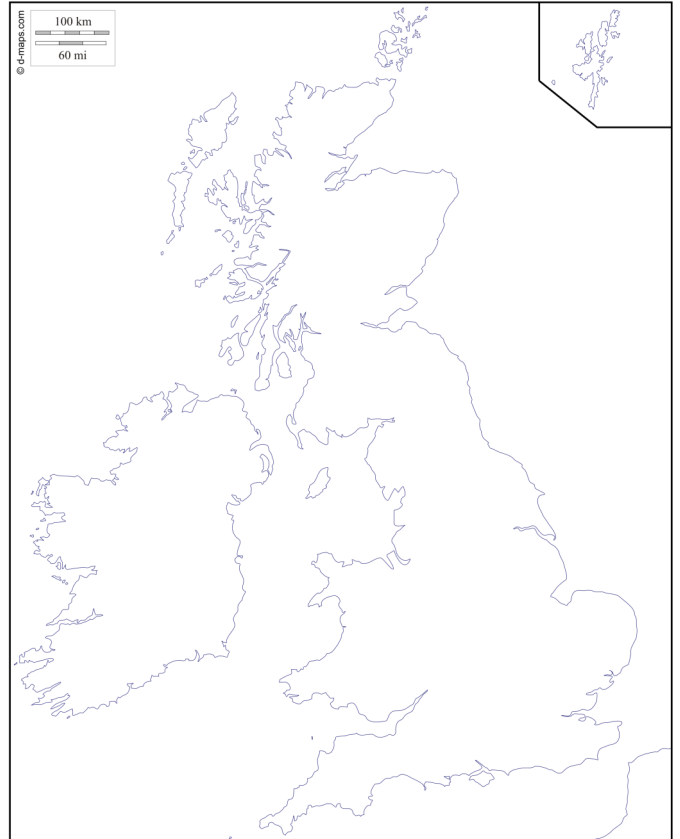
city



# Seasons and Weather

Spring

Summer



Autumn

Winter

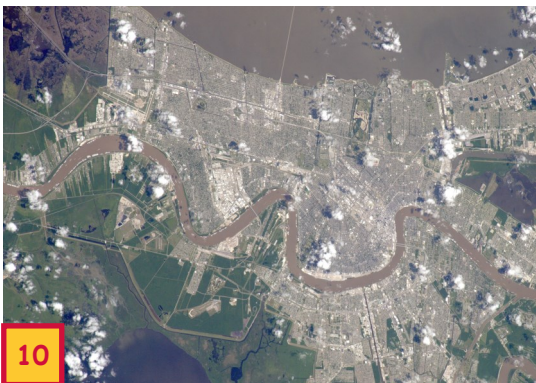
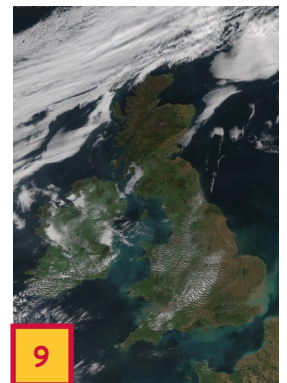
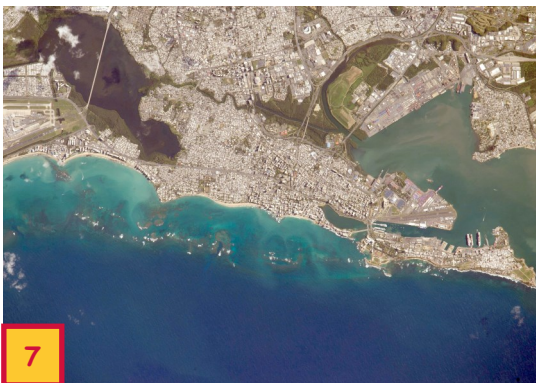


Outline maps from [http://www.d-maps.com/carte.php?m\\_car=2555&lang=en](http://www.d-maps.com/carte.php?m_car=2555&lang=en)



# A little bit of help

Our artist used the photographs\* below to help her draw the pictures in this book.  
Match each photo with the right picture to help you choose how to colour them.



\*Some of the photographs were taken by Tim Peake, some by an instrument called MODIS that flies around the Earth on a satellite.

Images 3,6,9 & 12 from NEODASS Image Gallery [www.sat.dundee.ac.uk/gallery](http://www.sat.dundee.ac.uk/gallery) (registration required)  
12 Mar 2016, 19 Jul 2013, 30 Sep 2015, 24 Dec 2010  
Other images Tim Peake/ESA/NASA — details on colouring pages — used with permission

