

#GettingChildrenMapping
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Cartographic Education Services
for UK Primary and Secondary Schools,
Groups and Organisations for ages 3-18

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About Alice Gadney - 'Captain Alice'

Alice is a professional cartographer with a background in geology and over 20 years' experience in a variety of industries and companies. She is a Fellow of the British Cartographic Society, also a serving council member, Chair of the Education Committee (2018), an editor for 'Maplines' magazine and she was Restless Earth Coordinator 2015-2018. Alice organised and taught the 'Restless Earth' workshops to over 3,000 Year 10 pupils, across the UK. Its key aim is teaching about the roles and importance of the 'Cartographic Skills' in real life Disaster Mapping.

After setting up her corporate mapping business Silver7 Mapping in 2008, she decided to use her experience, knowledge and adventures in Cartography to set up Mini Map-Makers Limited. In April 2017, Mini Map-Makers was incorporated and the idea of creating resources to help teach teachers and children understand all about maps and #GettingChildrenMapping was launched.

Since August 2017, when the 'X' Marks the Spot Workshops were launched, at local venues around Bedford and Cambridge Captain Alice had taught 472 children at 8 venues including Schools, Museums and Visitor Centres and bespoke workshops.

Production of workshops and resources, in line with the UK Curriculum for children to learn about maps, is an integral part of Mini Map-Makers. 'Learning through Fun' with exciting activities and imaginative resources, while applying their newly learned skills.

***Map reading is a key Skill at Geography GCSE, iBacc and A-Level.
'Cartographic Skills' makes upto 12% of an exam mark!
Maps don't just appear in Geography at school, a majority of subjects
studied also have a map element.***

Primary School Resources and Workshops

'X' Marks the Spot workshop
4-6 year olds

'Cartography for STEAM workshop
7-11 year olds

'cARTography' workshop
7-11 year olds

'Symbol Spot walking maps'
Forest of Marston Vale
and
Bedford Town Centre

Mini Map-Makers Products and Resources

Available throughout the year at Schools and chosen locations

All resources are produced with the aim of #GettingChildrenMapping and Learning through Fun. The bespoke resources are inline with current UK Curriculum guidelines and are checked and updated annually.

'X' Marks the Spot Workshops (4-6 year olds)

'X' Marks the Spot Workshop is a fun, interactive Mapping Workshop, based in a School during term time or at chosen locations during the school holidays.

Workshop Format:

Introduction to the world of Cartography and Cartographers, concept of Grids - letters and numbers, Local maps of the area and a fun treasure map-making experience will have the children enthralled!

A Mini Map-Makers bespoke goodie bag for each child includes: colouring pencils, MMM Pencil, a map, stickers and an OS map reading guide.

A bespoke Site Centred OS Map for each school (Term Time only) to find out about your surroundings is included in the price. Children attending the holiday sessions are presented with an OS Map of a UK Location by our sponsors at Dennis Maps and Ordnance Survey.

What the children like - "Stickers, guessing Captain Alice's age, Captain Alice's silly jokes making a really old map, the goody bag and playing map games!" **7.8/10**

What the teachers like - "Seeing the children using their newly learned skills with numbers and letters and read a grid reference! Seeing them make their own decisions. Working together as a team to find the first symbol!" **8/10**

What the parents like (Holidays) - "Seeing how amazing their child's ability is to recognise complex information, them sitting still, listening and making their own map!" **7.2/10**

(Scores from Summer 2018 Workshops & School visits)

Set up time: 30-45 min

Session Duration: 45-60 minutes

Session Capacity: 30 Children plus teachers

Location: School Hall or large space - meeting room/conference area.

Prices* are according to Capacity (Term Time):

Group of upto 30 = £165.99

Group of 60 = £327.99

Group of 90 = £493.99

Group of 120 = £660.99

Prices are according to Capacity (Holidays):

Priced per child attending, between £5.00-£7.00

Adults are Free

****Plus VAT at 20%***



'Cartography for STEAM' Workshops

A 'Cartography for STEAM' (Science, Technology, Engineering, Art and Maths) Workshop is aimed at the 7-18 year olds.

Captain Alice talks about how Cartography interacts with the STEM and Art subjects that are taught at school and how they all rely on one another in the process of the production of maps.

Introduction to Cartography in Science, Technology of Cartography, Engineering behind making maps, Art in cARTography and Maths for Cartographers. 5 practical real world exercises to get the pupils thinking about how intertwined all their lessons are with the subject of Cartography.

A bespoke site centred OS Map for each school (Term Time only) to find out about your surroundings is included in the price. Children attending the Holiday sessions are gifted an OS Map of a UK Location by our sponsors at Dennis Maps and Ordnance Survey. A take home booklet for each pupil with information on the 'Cartography for STEAM' subjects.

What the children like - "Seeing the different rocks that are in the UK and putting them on the map, learn about paints and chemicals that make printing ink for maps, how engineering can help make maps and print maps, how a painting is researched and drawn then painted and used in marketing materials, trying to flatten an orange - understanding the complexity of projections!"

What the teachers like - "Learning something that reaches over so many subjects in a fun, interactive and inspirational way. A Great Careers lesson! Going into subjects that we can't do as we don't have the expertise or time to produce a wide variety of examples!"

What the parents like (Holidays) - "Introduction to many different subjects in one session - wow - with all the great information. Watching their eyes light up at how interesting Maths was!"

Set up time: 30-45 min

Session Duration: 90 minutes

Session Capacity: 30 Children plus teachers

Location: School Hall or large space - meeting room/conference area.

Prices* are according to Capacity(Term Time):

Group of upto 30 = £199.99

Group of 60 = £374.99

Group of 90 = £549.99

Group of 120 = £719.99

Prices are according to Capacity (Holidays):

Priced per person attending, from £5.00

Adults are Free

****Plus VAT at 20%***



Using Technology to create Mapping products



Secondary School Resources and Workshops

'Cartography for STEAM' workshop

'cARTography' workshop

Careers Talks:
Women In STEM
the Life of a Cartographer

'cARTography' workshop

'cARTography' Workshop is aimed for the 7-16 year olds.

Cartography is the Art and Science of making maps.

Aspects on colour, Cartographic Elements, Composition of a map, display and manual production are covered in this workshop.

What the children like - "seeing how we all made different images but we were all given the same paints and pencils and image, making my own square but putting it together to make one big image, seeing how colourblind people see, why colour doesnt have to be on maps, making something which was fun and relaxing!"

What the teachers like - "Individual working but also group effort, teamwork to create an image, a fascinating subject that now we will all look at maps in more detail and ask more questions, make our maps brilliant, beautiful and useful!"

What the parents like (Holidays) - "a relaxing way to create a masterpiece. Impressive lot of thought, work and effort by the children - will try to do similar project at home!"

Session Duration: 90 minutes

Session Capacity: 30 Children plus teachers/Adult helpers

Location: School Hall/ Class Room or large space - meeting room/conference area.

Prices* are according to Capacity per session(Term Time):

Group of upto 30 = £179.99

Group of 60 = £359.99

Group of 90= £539.99

Group of 120= £719.99

Prices are according to Capacity (Holidays):

Priced per person attending, from £5.00

Adults are Free

***Plus VAT at 20%**



Imagery taken at
Hazeldene School,
Bedford for their
SHINE DAY 2017

New for 2018

The Walking Map series are all about #GettingChildrenMapping outside of the classroom. Encourage them to explore areas of nature or their local town. Walks and Symbols are bespoke to that area. **Suitable for ages 4-11 years.** (Adults are Free unless indicated)

'Forest of Marston Vale Symbol Spot' Walking Maps

Start at Reception. Investigate the points of interest on a beautiful tranquil walk (independent or Guided) around the Forest of Marston Vale. Which points of interest can you spot? Can you answer the questions at the stops? Add the Symbol to your booklet by doing a rubbing of the Mini Map-Makers Symbol Spot Disc!

Walk Duration: 60 minutes

Location: Forest of Marston Vale Site.

#Walking independently; pick up items at FMV Shop.

Basic: Booklet and pencil crayons only: **£5.00**

#Holiday Guided Session Capacity: 15 Children & Adults

Price per Child: **£7.00** includes a bag.



'Symbol Spot Bedford' Walking Maps

Investigate the ~70 chosen points of interest around Bedford.

Suitable for all children, Collection of the booklet is from 4 shops around the town, explore the interesting history, geography and geology of the area. Which points of interest can you spot? Can you answer the questions at the stops? Add the Symbol to your booklet by doing a rubbing of the Mini Map-Makers Disc! or Draw the symbols in the windows!

Walk Duration: 60 minutes **Location:** Bedford Town. 5 collection points: Baby and Play (Saturdays) and Rogan's Books on Castle Lane, Delices Bakery, Goldings of Bedford on the High Street and Gallone's Ice cream Parlour in the Arcade.

FREE Booklet and Pencil set per family



#GettingChildrenMapping

'The Cartophiles' Primary

from £750.00 plus VAT

Pre-School, Reception and Year 1

to include:

'X' Marks the Spot resources

A2 Posters about 'What do Cartographers do all day', 'How maps are made' and 'How to read a map'.

'Symbol Spot' game template on an OS map. OS maps x3 and 12 acrylic symbol discs supplied.

Learn about the different elements on a map.

Make your own Pirate Map (Goody Bags additional cost)

Symbol Snap Card Set A and OS Map

Map Elements Game

Years 2-6

to include:

'Cartography for STEAM' workshop resources with 20 lesson plans.

Learn about the discipline of Cartography through the 'STEM' and Art subjects:

Science - Geological Mapping - global and in the UK

Technology - interactive mapping, printers and cutters.

Engineering - satellites and GPS, historic mapping-triangulation pillars

Art - colour, perception of objects associated with certain colours, colour deficiency

Maths - 2D to 3D problem solving. making different globes and their effects on size of continents, Triangulation Network and Grid referencing

Each subject has a set of 4 activities for school and/or at home.

'cARTography' workshop

History of maps associated with the Art world

Perceptions of 'interiors of Lands'

Modern Cartography - elements and processes

'Create a Masterpiece', understanding the processes and production of cARTography to produce your own.

Each subject has a set of 4 activities for school and at home.

'I am a Mini Map-Maker' badge and pencil for each pupil!

Teachers guides and lesson plans to each section.

Resources are laminated and available for photocopy*

'The Cartophiles' Secondary

from £750.00 plus VAT

Year 7 to GCSE

to include:

A2 Posters about 'What do Cartographers do all day', 'How maps are made' and 'How to read a map'.

OS maps x3 and 12 acrylic symbol discs supplied.

'Symbol Snap Card Set A' and OS Map

Map Elements Game

'Cartography for STEAM' workshop resources and 25 lesson plans

Learn about the discipline of Cartography through the 'STEM' and Art subjects:

Science - Geological Mapping - global and in the UK

Technology - interactive mapping

Engineering - satellites and GPS, historic mapping-triangulation pillars

Art - colour, perception of objects associated with certain colours, colour blindness

Maths - 2D to 3D problem solving. making different globes and their effects on size of continents, Triangulation Network and Grid referencing

Each subject has a set of 5 activities for school and/or at home.

'cARTography' workshop

History of maps associated with the Art world

Perceptions of interiors of Lands

Modern Cartography - elements and processes

'Create A Masterpiece', understanding the processes and production of cARTography to produce your own.

Each subject has a set of 4 activities for school and/or at home.

'I am a Mini Map-Maker' badge and pencil for each pupil!

Teachers guides and lesson plans to each section.

Resources are laminated and available for photocopy*