

LEARN AT CHESTERZOO

GET COORDINATED

EDUCATORS GUIDE

Resources

Worksheet Pages 3 - 5

Answers Page 6

Interactive Map <https://www.chesterzoo.org/chester-zoo-visitor-app/>

Curriculum Links

Maths KS2 – coordinates, describe positions on the coordinate grid.

Welcome to “Love it for Longer”, in this activity we want bring you and your pupils on a journey with us. The whole idea is to encourage pupils to explore, share and celebrate their achievements when it comes to reducing waste. Here at the zoo, we are focused on our six major waste streams which include plastics, textiles, food, technology, water and zoo poo! In the summer of 2021 there will be an exciting exhibition to show exactly how we can all become more sustainable. There will be art sculptures to explore and fun events. However, if you can't make it, not to worry. This resource will still be a useful starting point and a fun way to consolidate your pupil's skills with maps and coordinates.

Round 1

If you are visiting the zoo, spend some time looking at the zoo map on our website or [download the interactive map here](#). We'd love for the children to plan their day and work out which areas they would like to visit.

Next, have a look at the “Love if for longer” map with this resource. Compare the two maps and introduce the concept of using coordinates to help the children plan exactly which areas they would like to visit.

Round 2

Have a go at the questions on our handy resource.

Round 3

Challenge the children to make up their own questions.

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Planning a day to the Zoo?

Why not encourage pupils to **plan their route and activities**. Here are some handy questions you might like to challenge your class with.

If you wanted to learn about reducing plastic waste which tent will you visit? Many species from the ocean are affected by plastic pollution. Why not research some of the species in the aquarium? Here is a useful template resource with ideas to create a fact file

<https://www.chesterzoo.org/schools/resources/animal-fact-file-template/>

Chimpanzees and Okapi are just some of our animals which are affected by habitat loss. Their habitat in the Congo rainforest is being affected by mining activities because minerals are being used in modern technological devices such as laptops and phones. Plan a route to learn more about each of these species and then visit the powerplant to learn more about what you can do.

Which exhibit would you visit if you wanted to learn more about clothing and how to reduce waste? One of the biggest problems with clothing and it's impact on the environment is its demand for water. Our water in the penguins is kept clean by filters and recycled when possible. Plan a route to find out more by visiting the aquarium, the hand me down maze and the penguin habitat.



LEARN AT CHESTER ZOO

GET COORDINATED - MAP

ANIMALS TO SEE

- 1 Madagascar: Ring-tailed lemur, fossa, red ruffed lemur, black lemur & Coquerel's sika lemur
- 2 Komodo dragons & mountain chicken frogs
- 3 Dwarf mongoose
- 4 Red pandas
- 5 Wetland Bird Nursery
- 6 Parrot Breeding Centre
- 7 Owls
- 8 Giant otters
- 9 Aquarium
- 10 Latin American Wetland Aviary: Scarlet ibis, roseate spoonbills, flamingos, saffron finches
- 11 Penguins
- 12 Lemurs

THINGS TO DO

- Madagascari Play!
- Wildlife Wood
- Visit the Gardens

PLACES TO EAT

- 11 Jaws Food Court
- 11 The Oakfield

ANIMALS TO SEE

- 13 Butterflies & insects
- 14 Giraffes
- 15 Congo buffalo
- 16 Chimpanzees
- 17 Pheasant Aviary
- 18 Short-clawed otters & babirusa
- 19 Orangutans, gibbons & reticulated pythons
- 20 Blue-throated macaws
- 21 Hyacinth macaws
- 22 Sand lizards
- 23 Aye-aye
- 24 Jaguars, sloths, ants & Amazonian aquarium
- 25 Panda
- 26 Frogs, turtles & tortoises
- 27 Bush Dogs
- 28 Red river hogs
- 29 Okapi & gibbon viper
- 30 Eurasian black vultures
- 31 Lions

THINGS TO DO

- Ape Around
- Andes Corde

PLACES TO EAT

- 11 Jaguar Coffee House

ANIMALS TO SEE

- 32 Black rhinos
- 33 Meerkats and porcupines
- 34 Black rhinos
- 35 Cranes
- 36 Rock hyrax
- 37 Painted dogs
- 38 Roan antelope
- 39 Aardvarks
- 40 Sitatunga
- 41 Bongos
- 42 Andean bears
- 43 Tapir, capybara & giant anteater
- 44 Bats
- 45 Philippine spotted deer
- 46 Miniature monkeys
- 47 Kirks dik dik
- 48 Grevy zebra
- 49 African Wetland Aviary
- 50 Monkeys
- 51 Greater one-horned rhino
- 52 Camels
- 53 Onagers
- 54 Cheetahs
- 55 Elephants
- 56 Asian Aquarium

THINGS TO DO

- Treetop Challenge
- Let your little ones swing, leap, climb and balance around our amazing adventure course!

PLACES TO EAT & SHOP

- 11 Bewbe Coffee Shop
- 11 Bewbe Kitchen
- 11 Gift Shop
- 11 The Outpost

ANIMALS TO SEE

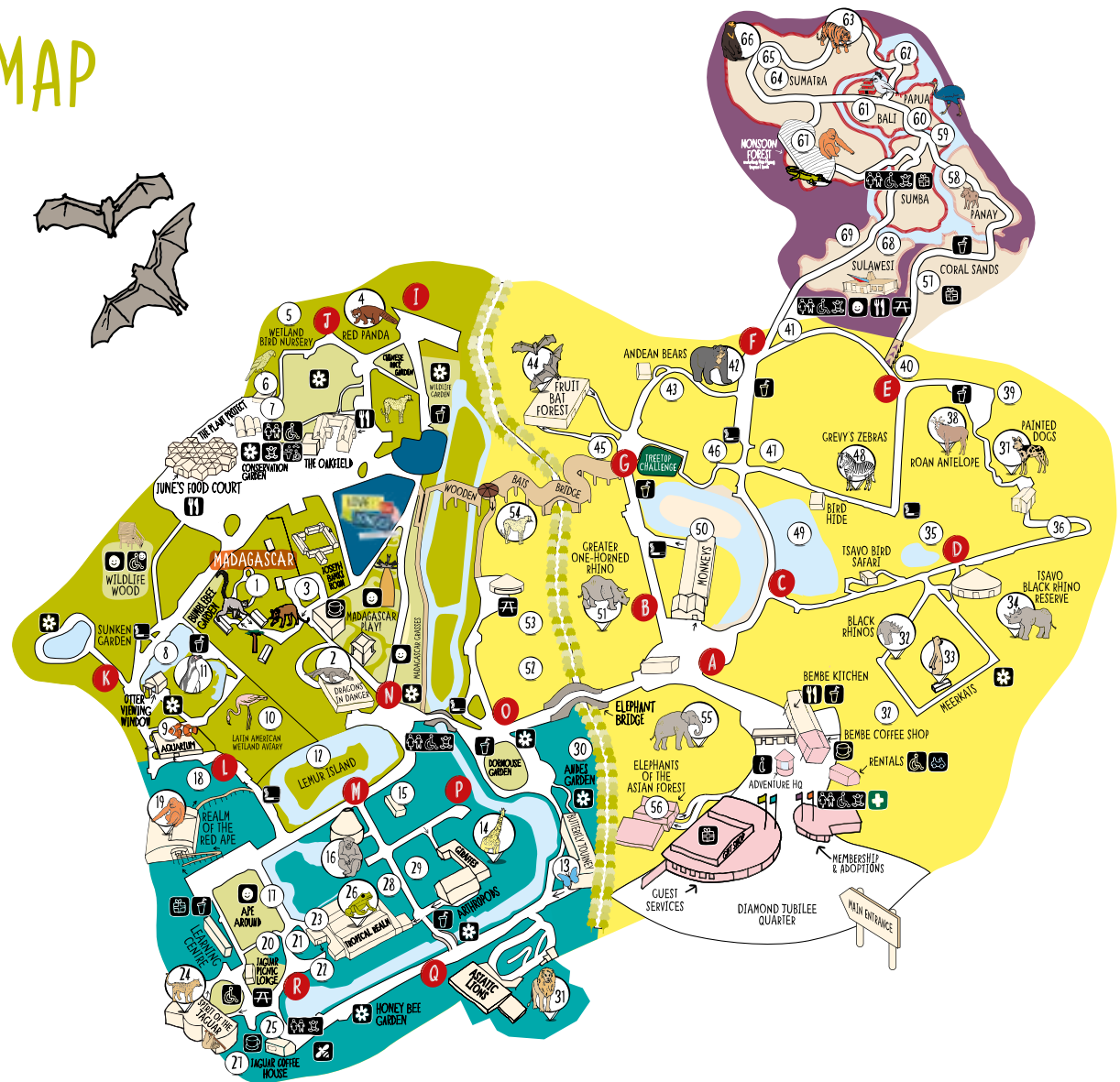
- 57 Prevost's squirrel
- 58 Visayan warty pig
- 59 Dusky pademelon & tree kangaroo
- 60 Southern cassowary
- 61 Bali starlings & Java sparrows
- 62 Bonobos
- 63 Sumatran tigers
- 64 Malayan tapir
- 65 Indonesian songbirds & pheasants
- 66 Sun bears & binturong
- 67 Rhinoceros hornbill, Sumatran orangutans & gibbons, Asian giant tortoise, Sunda gharial crocodile, Indonesian lizards & frogs, Sulawesi crested macaque
- 68 Anaconda
- 69 Babirusa

THINGS TO DO

- Swamba School Room

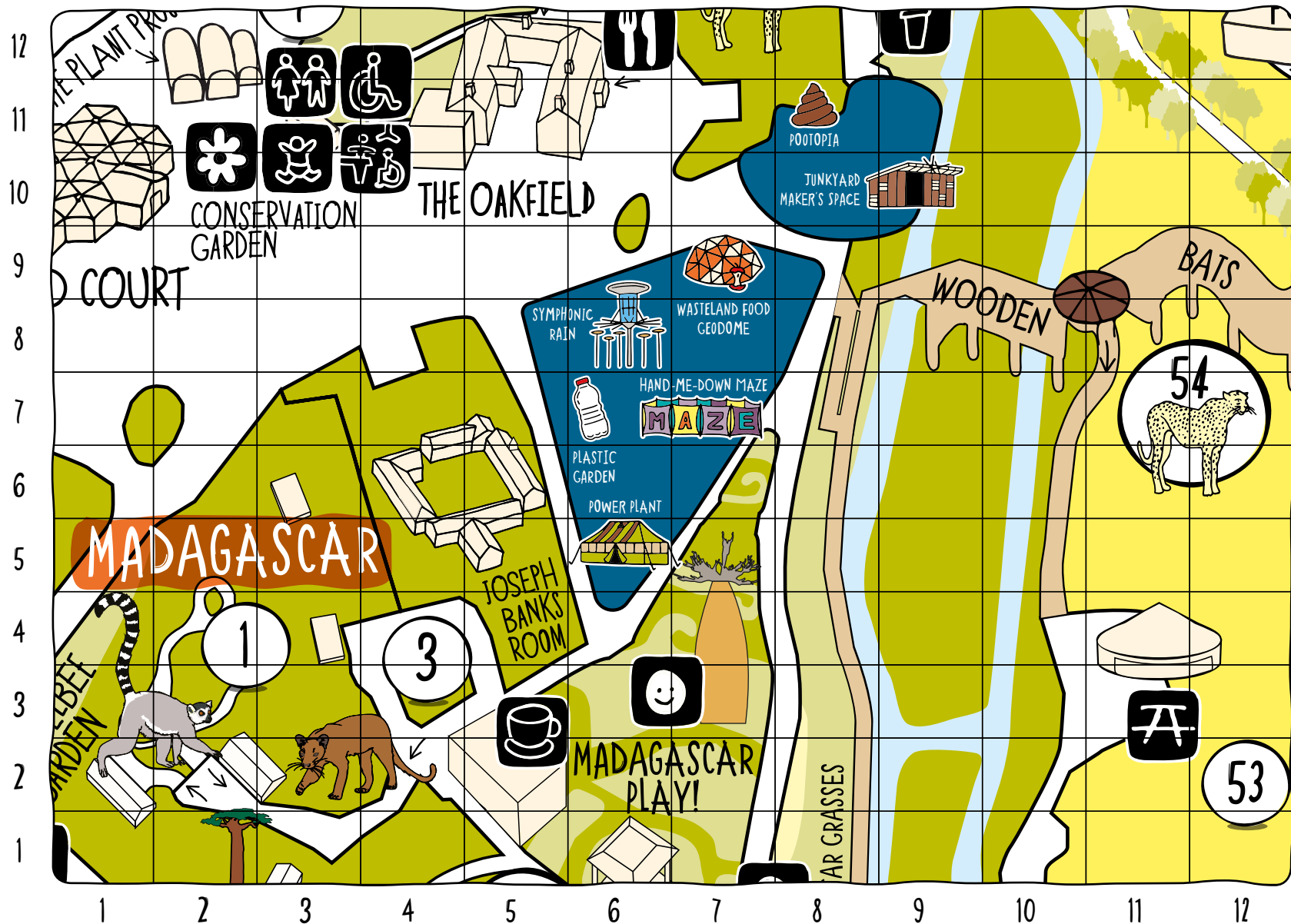
PLACES TO EAT

- 11 Manada Street Kitchen



LEARN AT CHESTER ZOO

GET COORDINATED - GRID



LEARN AT CHESTERZOO

GET COORDINATED - QUESTIONS

Here at Chester Zoo we love helping our guests to be **even more sustainable**. Our 'Love it for Longer' campaign is one way we are doing this. Can you help us to check our plan for showcasing sustainability?

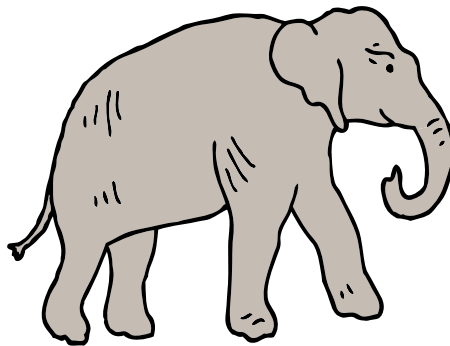
Have a look at the maps and have a go at the questions:

Section A:

- 1 Can you find the coordinates for...
 - a) Plastic Garden
 - b) Wasteland Food Geodome
 - c) Power Plant
 - d) Symphonic Rain
 - e) Pootopia
- 2 If you want to go from Wasteland to the Pootopia which coordinates would you pass through?
- 3 What is next to Plastic Garden?
- 4 If the keepers wanted to move from Oakfield to Bats what route would they take?

Section B

- 1 What is found on these coordinates?
 - a) (12,9)
 - b) (7,2)
 - c) (8,10)



Section C

- 1 Boris wants to go to Wasteland but he is at Power Plant. He walks through grid (7,8) and (7,7) then (7,5) followed by (8,5) is he correct?
- 2 Help Daisy plan a route to see two of her favourite animals so she can continue her research into how mining is affecting their habitat.

Look at the whole zoo map and draw the route to visit Okapis and Chimpanzees. Start at Love it for Longer.

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GET COORDINATED - ANSWERS

Section A:

- 1 Can you find the coordinates for...
 - a) (6,7)
 - b) (7,9)
 - c) (6,5)
 - d) (6,8)
 - e) (8,11)
- 2 (7,10), (7,11) or (8,9), (8,10)
- 3 Hand-me-down Maze
- 4 Answers may vary

Section B

- 1 What is found on these coordinates?
 - a) Bats
 - b) Madagascar Play
 - c) Junkyard

Section C

- 1 No
- 2 Answers may vary

