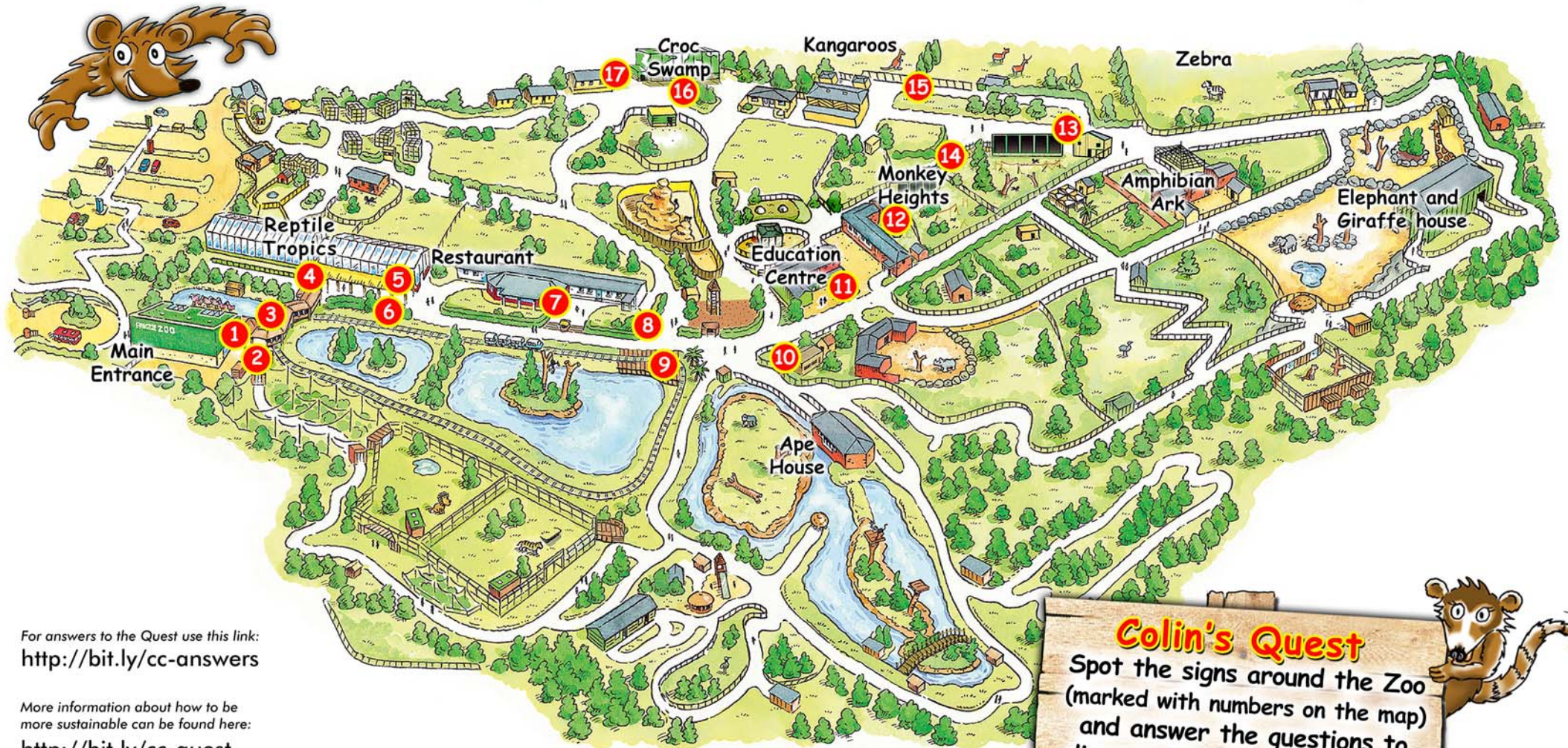


Colin the Co₂ati's Quest

Colin the Co₂ati is on a quest to make the Zoo as sustainable as possible!



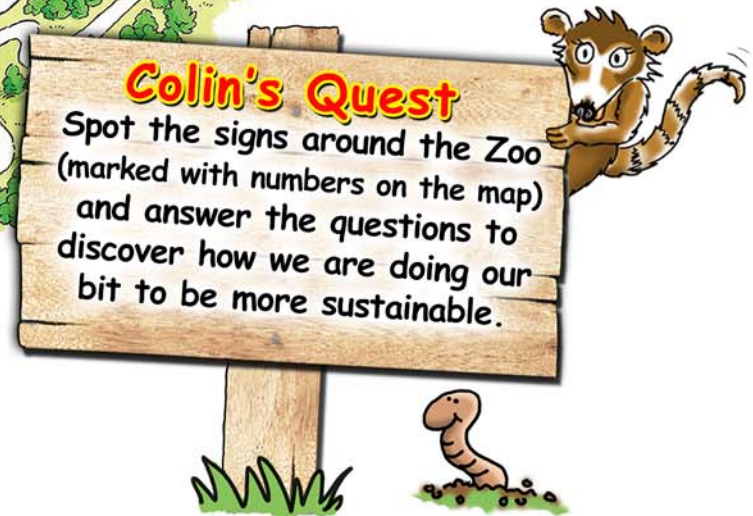
For answers to the Quest use this link:
<http://bit.ly/cc-answers>

More information about how to be
more sustainable can be found here:
<http://bit.ly/cc-quest>

Scan code for
more information



Being 'sustainable' means living in a way that protects our environment and its precious resources, for example by using renewable energy and being careful about what we buy.





Every little action goes a long way to help the planet!

1. We're in hot water!

What heats the water in this building?

If 4000 kWh of energy is needed to make 2 million cups of tea, how much energy is needed to make a quarter of that?



2. Fair and square...

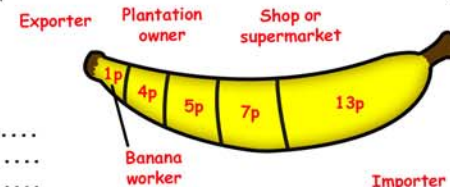
- What does Fairtrade mean?
- Products are sold as cheaply as possible.
 - Farmers get a fair price for their products.
 - Shops make as much money as possible.
 - The products are organic.

Can you find Fairtrade or fairer world products that are sold at the Zoo?

- 1.....
- 2.....
- 3.....

Banana splits

Who do you think gets what from the sale of a 30p non-Fairtrade banana? Match the amounts to the jobs.



3. Growing a roof...

What animals do you think would use our green roof as a habitat?

- Bees
- Butterflies
- Rabbits
- Birds
- Zebras
- Crocodiles



4. Simply the pest!

Name 3 creatures that eat pests, either in the Zoo or in gardens:

- 1.....
- 2.....
- 3.....



5. Drip... drip... drip.

Why does the Zoo collect rainwater?

- To wash the rhino
- To clean the enclosures
- To water the plants
- To fill the lake



6. Reedy clean water...

Why do we use a reed bed to clean the waste water from Reptile Tropics?

-
-
-



7. What have shampoo, ice-cream and orangutans got in common?

What products can you find in our shop or restaurant that DO NOT contain palm oil?

-
-
-



8. What a load of rubbish!

How many different types of materials can we recycle at the Zoo?



9. Walk this way...

The planks used to make the board-walk are made of:

- Wood
- Plastic
- Metal
- Recycled Materials



10. A cool way to stay warm.

The coati house is insulated with sheep's wool to help keep it warm. How many fleeces does it take to insulate the coati house?

- 100
- 200
- 300



11. Come and use our super-loos!

Spot 3 things that make our toilets more environmentally friendly:

- 1.....
- 2.....
- 3.....



12. Catch the sun!

How many solar panels can you spot on the roof of this building?

If the solar panels generate 8kWh of electricity, how long could the keepers' kettle in Amphibian Ark run for?



15. A 'hole' lot greener

What do we do with the water from our borehole?

-
-
-



13. Is driving costing you the Earth?

Our electric vehicles are more environmentally friendly because:

- They are quieter
- They cause less pollution
- They are cheaper to run
- They are slower
- They are faster



16. How do you keep a crocodile cosy?

A renewable resource is something we can use that will never run out.

Which of these resources do you think are renewable?

- Wind
- Oil
- Water
- Gas
- Sunlight
- Coal



14. A neat way to get heat!

Fill in the missing words:

Heat pumpsenergy and are used to.....this building in winter. They work like..... transferring heat from one place to another.



17. Energy on display any time of the day

Name 3 things you use every day that need electricity to work.

What can YOU do to save electricity?

-
-
-

