Colchester Zoo
Learning at the Zoo
Activity Pack 1

This pack is designed to provide parents, families and groups with information and activities to help you learn at Colchester Zoo. Complete the activities to earn Children’s University passport stamps!

There are four different packs, you can mix and match and complete worksheets from all the packs.

Please note, you can earn a maximum of 6 hours per day by completing worksheet pages

If you are working to earn Children’s University passport stamps, please complete as many pages of the worksheets as you wish and bring them to Guest Services at the end of your day. The more pages you complete, the more stamps you earn up to a maximum of six hours per day.

Please download and print the pack yourself.
For a small donation we can print this pack on your behalf.
Draw pictures of the animals or things when you find them:

- Something Smelly
- Something Hard
- Something Wet
- Something Spikey
- Something Scaly
- 4 Soft Looking Things

Please note, you can earn a maximum of 6 hours per day.
Sketch your favourite animal and describe it!

What colour is it:___________________________________________________

It is covered in (circle one):  fur  feathers  scales

It looks a bit like a:______________________________________________

It eats:________________________________________________________

It lives in the:______________________ habitat

MY FAVOURITE ANIMAL IS...________________________________________

It is the size of a (make a comparison):____________________________

A cool adaptation it has is:________________________________________

Something very special about is:___________________________________

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
Attend an elephant feed and hand-feed the animals!

Feeds happen at 12.30 and 14.30

1. After you have fed the Elephants answer the following questions:

2. What did you feed the elephants?

3. Colchester Zoo has 4 elephants. How many were at the feed?

4. Do you remember her/their names?

5. How interested were the elephants in the food? (Were they hungry, did they come right up to you?) Give details about your observations.

6. Describe how the elephants trunk felt picking up the food. Use as many descriptive words as possible.

7. How did the elephants look close up? Describe what it felt like standing near them.
Scientific name spotter!

Animals have common names, e.g. lion, which change in different places. Lions are also called: león (Spanish), lev (Czech), llew (Welsh), and leon (Irish). Animals also have a 'scientific name e.g. Panthera leo. Scientific names stay the same no matter what language you speak.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Scientific name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lion</td>
<td>Panthera leo</td>
</tr>
<tr>
<td>Chimpanzee</td>
<td>Paniscus troglodytes</td>
</tr>
<tr>
<td>Tiger</td>
<td>Panthera tigris</td>
</tr>
<tr>
<td>Sun Bear</td>
<td>Helarctos malayanus</td>
</tr>
<tr>
<td>Rhinoceros</td>
<td>Rhinoceros</td>
</tr>
<tr>
<td>Orangutan</td>
<td>Pongo pygmaeus</td>
</tr>
</tbody>
</table>

Find all of these animals. After you find them, look around for a sign with information about the animal. This will include their scientific name which is always in two parts and *italicised*. Check off the animals and record their scientific name when you find them.
Complete this and the next page to earn CU hours!

Hard to find animal spotter

Some of the animals at the zoo are very hard to find. Follow the hints and see if you can find these animals.

Binturong □
Find me from the overhead viewing bridge between the otters and the lemurs

Pygmy Hippo □
I'm near the very far back of the giraffe building

Fennec Fox □
Find us across from the indoor lion enclosure

Aardvark □
Find me underneath the giraffe building. The tunnel entrance is by the lake.

Tamandua □
Turn right as you exit Worlds Apart to find us along the main path

Wallabies □
We’re by the farm animals

Smooth Coated Otters □
Follow the wooden overhead walkway past gelada baboons behind falconry

Red Panda □
Our enclosure is down the steep hill between chimps and gibbons

After you find these animals, write down one cool fact about each animal on the next page. Record information like: how big they are, how many you see, what food do they like to eat, or anything else you want to remember.
Hard to find animal factsheet:

Record one cool fact for each animal

Binturong

Aardvark

Smooth-coated Otter

Wallaby

Fennec Fox

Red Panda

Tamandua

Pygmy Hippopotamus

Please note, you can earn a maximum of 6 hours per day.
## Worlds Apart Maths

Visit the Worlds Apart Exhibit (next to the main café Penguini’s). See how many of these adaptations you can discover.

Green anacondas jaws separate into 4 parts, so they can open their mouth extra wide.

**How many green anacondas did you see?**
**How many jaw parts are there?**

Green anacondas are one of the biggest snakes in the world with a maximum size of at least 8 metres! How many green anacondas did you see?

Assuming they all grew to maximum size, how long would all their length totalled together be?

An average Komodo dragon is 2.5metres long. Estimate the length of the largest komodo dragon baby:

**cm long.**

How much more does that baby Komodo dragon need to grow to be full sized?

Each piranha has a different numbers of teeth because they constantly loose them and grow new ones. On average, they have a minimum of 20 teeth.

**How many piranha’s in the tank?**

What is the minimum number of piranha teeth?

Sloths are either two-toed, or three toed. The Colchester Zoo sloths are ____-toed.

**How many sloths did you see today?**

What is the total number of sloth toes?

(remember how many legs they have!)

Sloths move an average speed of 0.5m per hour. Estimate the width of the outdoor Worlds Apart corridor (between the glass enclosure walls).

**How wide is the corridor ____m.**

How long would it take a sloth to climb from one side all the way to the other side (assuming it’s moving at average speed)?

<table>
<thead>
<tr>
<th>Green anaconda jaw parts</th>
<th>Metres of green anacondas</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Komodo dragon grows an addition</th>
<th>Piranha teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>cm</td>
<td>____</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sloth toes</th>
<th>Hours for the sloth to cross the corridor</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>____</td>
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</table>
Animals In Danger

Draw lines matching the animals with the reasons they’re threatened.
More than one animal might match each reason.

- **Humboldt Penguin**
  - My rainforest home is being cut down!

- **Sun Bear**
  - People use me for medicine

- **Amur Leopard**
  - I get tangled in fishing nets.

- ** Hague Tamarin**
  - I’m killed for my pretty fur

- **Humboldt Penguin**
  - People turn parts of me into bracelets and decoration

- **Visayan spotted deer**

Please note, you can earn a maximum of 6 hours per day.
Well Done!

Now bring your completed pages of this workbook to the Guest Services building (located next to the red brick building) so we can stamp your Children’s University passport.

PLEASE NOTE, while you can complete as many pages as you’d like from any of the workbooks, YOU CAN ONLY EARN A MAXIMUM OF SIX CU HOURS EACH DAY BY COMPLETING THESE WORKBOOK PAGES

If you have any comments please contact our education team at education@colchesterzoo.org

Want to earn more CU hours? Kid’s Zoo Academy is a paid two hour experience where you learn all about being a zoo keeper. For details see www.colchesterzoo.org/experiences/kids-zoo-academy