Colchester Zoo
Learning at the Zoo
Activity Pack 2

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 animals that match each description:

- **SOMETHING ROUGH**
- **SOMETHING SLIMY**
- **SOMETHING SPOTTY**
- **SOMETHING SOFT**
- **SOMETHING BRIGHT**

4 Very Tiny Things
Sketch the most unusual animal you find at the zoo!

What colour is it:__________________________________________________________

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

The weirdest bit of it is...

___________________________________________________

___________________________________________________

___________________________________________________

It lives in

___________________________________________________

___________________________________________________

The most unusual animal is a...

___________________________________________________

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

I think it is unusual because:______________________________________________

___________________________________________________

___________________________________________________

___________________________________________________

Please note, you can earn a maximum of 6 hours per day.
Attend a giraffe feed and hand-feed the animals!
Feeds happen at 12.15 and 14.15

Please note that times of feeds may change without notice. Visit the website and ask at entrance for an up to date schedule.

After feeding the giraffes answer the following questions:

1. What did you feed the giraffe?

2. How many giraffes were at the feed?

3. Do you remember her/their names?

4. Describe how the giraffe’s tongue felt picking up the food. Use as many descriptive words as possible.

5. What colour is a giraffe’s tongue? Why?
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.

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.
After you find these animals, write down if they are a reptile or amphibian and one cool fact about each animal on the next page. Record information like: how big they are, what food they like to eat, or anything else you want to remember.
Reptile and Amphibian factsheet:
Record one cool fact for each animal and note if they are a Reptile or an Amphibian

**Green Anaconda**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

**Burmese Python**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

**Pancake Tortoise**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

**Bearded Dragon**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

**Green Iguana**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

**Aldabra Giant Tortoise**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

**Tomato Frog**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

**Blue Poison Dart Frog**
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
Choose 6 animals at Colchester Zoo. Read the signs at the animal’s enclosure to learn what they eat and record the information in the chart.

<table>
<thead>
<tr>
<th>Name of Animal</th>
<th>Herbivore (plant eater)</th>
<th>Carnivore (meat eater)</th>
<th>Omnivore (eats both)</th>
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Fill in the Venn Diagram to show this information

Which group has the most animals? ______________________________

Which group has the least animals? ______________________________

Please note, you can earn a maximum of 6 hours per day
Africa Paddock Maths

Visit the Kingdom of the Wild Paddock (the mixed African animal paddock). See how many of these adaptations you can discover.

• An average Zebra has up to 50 stripes. _____ zebras were seen in the paddock today.
  Total estimated stripes

• How many stripes were in the paddock?

• Look closely at the ostrich. How many toes do they have? Check the track for a hint. _____ toes. _____ ostriches were in the paddock today.
  Ostrich toes

• How many ostrich toes were in the paddock? (remember how many legs they have!)

• Giraffes have very long necks. However, they have just 7 bones in their neck, which the same number of neck bones humans have! There were _______ giraffes in the paddock today. How many giraffe neck bones were in the paddock?
  Giraffe neck bones

• The crowned cranes have very pretty yellow crowns of feathers. There were _____ cranes in the paddock. If each crown has an average of 24 feathers, how many yellow feather were in the paddock?
  Yellow Feathers

• Greater kudu are the large, brown antelopes. They have two very large ears to listen for predators. How many kudu are in the paddock___________. How many ears?
  Kudu ears

• White rhinos have one big horn and a smaller one. Rhino horns are made out of keratin, the same material in human fingernails. How many rhinos were in the paddock today?_______ How many big horns?
Colchester Zoo’s Komodo dragon enclosure was built in 2006. It includes lots of special features including a retractable sun roof (to let in natural light which they need to help them absorb vitamins), rainwater collection tanks and sprinkler systems which let us recreate the wet and dry seasons of their natural habitat. There are numerous other features in the Komodo dragon enclosure including:

For the Komodo’s’:
- Basking locations (places with sunlight)
- Natural substrate to bury eggs or hide food in
- Plants to provide shade
- Fans to circulate air and maintain heat/humidity
- A greenhouse roof to help trap heat and warm the building
- Water for lying in (to help them shed and stay moist)
- Open ceiling between the sides so the dragons can smell each other

For the Zoo Keepers:
- Connected doorways to mix the two dragons together
- Safety door that lets keepers see where the dragons are before entering
- Behind the scenes area for food preparation
- Behind the scenes area for cleaning supply storage

For Visitors:
- Large windows to view the dragons
- Under cover area for wet weather
- Signs and information about the dragons
- A statue for photo ops!

On the next page, draw a detailed diagram of the Komodo dragon enclosure. Label the above features and anything else you notice.

If you have a hard time seeing some of the features, or are unsure what they mean, attend the Komodo Dragon Encounter (see map, website, or signs at enclosure for the time) to learn more about the animals and their enclosure.
Draw a detailed diagram of the Komodo Dragon Enclosure, making sure to note all the features mentioned on the previous page.
Talks and Feeding Times

There are a lot of feeds and talks that happen throughout the day. Check the map (available at Guest Services, Entrance and online) for locations and times.

Watch three Animal Encounters and answer the following questions:

Animal Encounter 1:__________________________________________

Are they social animal or a solitary animal?:_______________________
_______________________________________________________________

What food do they eat? _________________________________________
_______________________________________________________________
_______________________________________________________________

What was the keepers name?____________________________________

Animal Encounter 2:__________________________________________

Did they animals get fed or given enrichment? Describe what they were fed or the enrichment they got ______________________________
_______________________________________________________________

What is one cool fact you learnt about this animal?_________________

Animal Encounter:___________________________________________

Is the animal a carnivore, herbivore or omnivore? (circle one)

What habitat do they live in?______________________________

Does the animal have in threats in the wild?____________________

If yes, what are they and what can be done to help?_______________________________________________________________
_______________________________________________________________
_______________________________________________________________
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