

## Science

What have we discovered about human digestion in the last two sessions? Point out that many animals have similar digestive systems to humans. Explain that different animals have different sorts of diets. Make 3 columns in your book or use the session resource and write the terms **carnivore**, **herbivore** and **omnivore** at the top. Do you know the meaning of these words? Write the definitions under the words (a meat & fish-eating animal, an animal that feeds on plants (including plant products such as nuts, berries, grains & cereals), an animal that feeds on both plants and animals). Think of 3 examples to go under each of the headings. Explain that human and animal diets partly depend upon what is available. Humans in other parts of the world eat different fruits, vegetables and animals than in the UK because different plants & animals thrive in that particular climate and terrain, e.g. Inuit eat seals, Peruvians eat guinea pigs, Japanese people eat a lot of seaweed. Can you think of other examples? Do you like trying different foods if you go on holiday to another country? Animals have slight adaptations to parts of their digestive system depending on their diet. Remind yourself of the different teeth you looked at during the first session.

You will be researching the diets of different animals using the National Geographic website. If you didn't know the web address for the website, how could you find it? Google. Explain it is a search engine (there are others available). Bring up the Google homepage and explain some of the features such as images and settings. If you want to look at the national geographic website what should you enter into the search engine? Type in a sensible choice and discuss what the results have shown. The top 2 results are adverts selling the magazine – explain that they pay Google a lot of money to appear at the top! Discuss some of the others, and why they might have appeared there. Select the NG website, and model the steps to take to choose an animal and skim the information to select the relevant information. Display a copy of the recording worksheet and explain what is expected

Using computers follow the link to <http://www.nationalgeographic.com/animals/index/>.

Choose different animals and skim and scan the information to find out what it tells you about the animal's diet. You should choose an omnivore, a carnivore and an herbivore and make notes on the recording sheet (*session resource*). When you have written your notes, you can draw pictures of your animals

Can you come up with a reason why different animals do different sorts of poos? It depends largely on what their diet is. Scientists, doctors and vets can tell a lot about a human or animal by looking at their poo – they can track them, see what they have eaten, and work out if they are unwell! Show the short [BBC Steve Backshall](http://www.bbc.co.uk/cbbc/watch/p01jv7nt) clip <http://www.bbc.co.uk/cbbc/watch/p01jv7nt> – explain that this is very funny but not recommended!