## Fens Primary School Knowledge Organiser



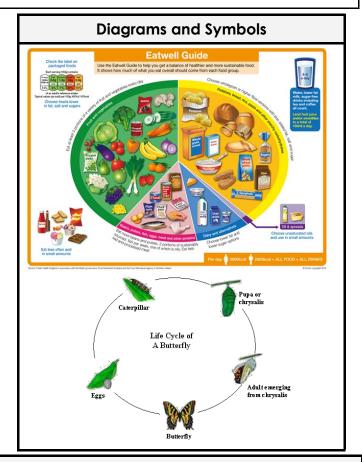
Science Focus: Animals, including humans Year 2 Term: 1A

Growth		
Growth in animals	Animals become older and change as time passes	
3 examples of animal growth	Egg > chick > chicken  Egg > caterpillar > pupa > butterfly  Spawn > tadpole > frog	
Example of Human growth	Baby > toddler > child > teenager > adult	
Survival		
Things animals need to survive	Water Food Air Shelter	

What? (Key Vocabulary)	
Spelling	Definition/Sentence
Offspring	A person or animal's child or children
Growth	The process of getting bigger
Pupa	An insect that is about to turn into an adult
Baby	A very young child
Toddler	A young child that is just beginning to walk
Child	A young person below the age of 13
Teenager	A person aged between 13 and 19
Adult	A grown up
Fluids	A liquid

## Organisms require a supply of energy

All living things need food as their source of energy as well as air, water and certain temperatures.



## Working as a Scientist

- Having caterpillar eggs in class and taking time lapse photography of their cycle of life
- Finding out what happens to a tooth left in various types of drinks
- Investigating the effects of exercise on the body.
- Trying new foods
- Making healthy foods

Human Survival	
Things humans need to survive	Water Food Air Shelter
Things humans need to be healthy	<ul> <li>To have a balanced diet of the right amount of different types of food and drink.</li> <li>To exercise regularly.</li> <li>To be hygienic.</li> </ul>
What is a bal- anced diet?	<ul> <li>See the Eatwell Guide         (http://www.nhs.uk/Livewell/ Goodfood/Documents/The-Eatwell- Guide-2016.pdf)     </li> <li>Drink 6-8 cups/glasses of fluids each day</li> </ul>
What is regular exercise?	<ul> <li>Adults needs to be active for at least 150 minutes each week</li> <li>Children aged 5 to 16 need to be active for at least 60 minutes each day</li> <li>Children under 5 need 3 hours of activity a day</li> </ul>
What is good hygiene?	To maintain daily personal hygiene, you should make sure:  • your hands are washed after you've used the toilet  • your private parts are washed every day  • your face is washed daily  • you're fully bathed or showered at least twice a week