


Wednesday 13th January

Year 6

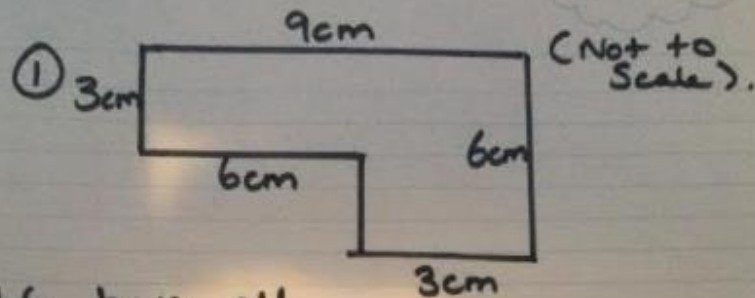
Daily time table - these don't need to be done in order, as long as you try to complete the activities each school day.

<p>Morning Challenge</p>	<div data-bbox="384 338 1374 1048"><h2>Morning Challenge</h2><p>You are in your kitchen when you hear scratching noises coming from one of the cupboards.</p><p>What could it be?</p><p>Write about how you open the cupboard door and what happens next.</p></div>
<p>Maths</p>	<p>Morning Year 6,</p> <p>Today we are going to look at calculating the area of composite/compound shapes.</p> <p>Composite or compound shapes means two shapes attached to each other.</p> <p>https://www.bbc.co.uk/teach/class-clips-video/maths-ks2-as-the-crow-flies-perimeter-and-area-of-compound-shapes/znn76v4</p> <p>Just watch the first part about perimeter.</p> <p>Now let's have a go at working these perimeters out, remember you will always have enough information to work out the missing side.</p> <p>I have completed numbers 1 and 2, below:</p>

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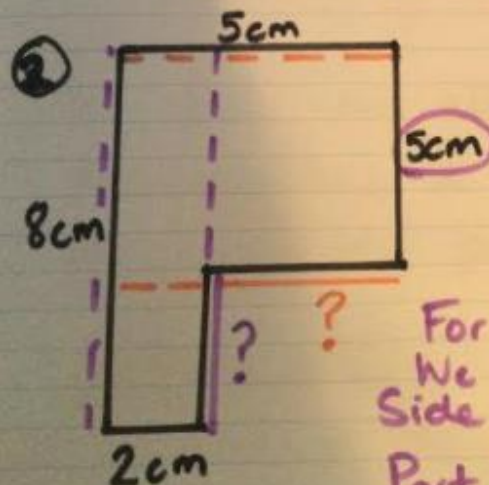
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We have all the measurements, So we just add them up.

$$3 + 9 + 6 + 3 + 6 = \text{--- cm}$$



② We have 4 lengths but we need the coloured ones..

For the purple?
We know the long side is 8cm.

Part of the parallel side is 5cm

$$\text{So } 8\text{cm} - 5\text{cm} = 3\text{cm}$$

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So the missing ? is
3cm.

For the orange ?
The top is 5cm
The Smaller parallel side
is 2cm, so
 $5\text{cm} - 2\text{cm} = 3\text{cm}$
? side is 3cm

We now have all the
measurements to add up to
calculate the perimeter:

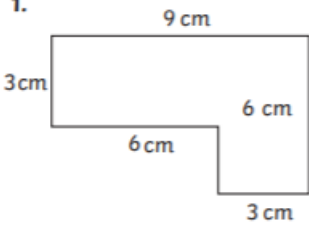
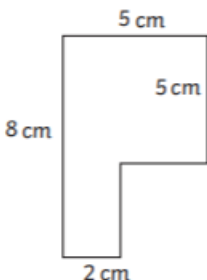
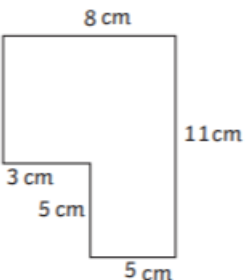
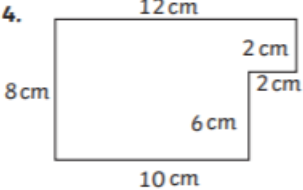
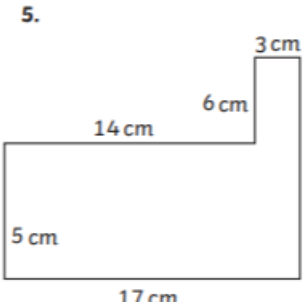
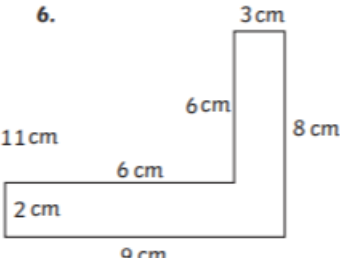
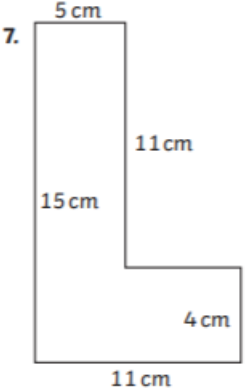
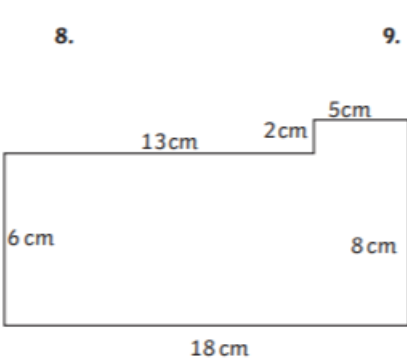
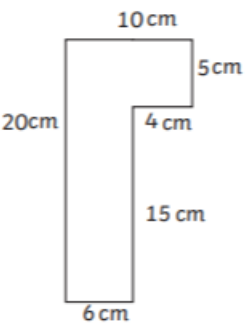
$$5\text{cm} + 5\text{cm} + 8\text{cm} + 2\text{cm} + \\ 3\text{cm} + 3\text{cm} =$$

Remember to email me, if you
need help.

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	<p>Add the length of each side to find the perimeter of each shape. Not to Scale.</p> <div><div>1.</div><div><div>2.</div><div><div>3.</div></div><div><div>4.</div><div><div>5.</div><div><div>6.</div></div><div><div>7.</div><div><div>8.</div><div><div>9.</div></div></div></div></div></div></div></div>
Guided Reading	A guided reading piece to read and answer the questions about.

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Celebrating the NHS

What Is the NHS?

The initialism NHS stands for National Health Service: a group of organisations that provide medical care for people living in the UK. Staff working for the NHS support the health and wellbeing of the population.

An estimated 1.5 million people work for the NHS including: cleaners, cooks, doctors, nurses, midwives, office staff and paramedics. Every single person's role is important for the NHS to work effectively as a health system for the country.



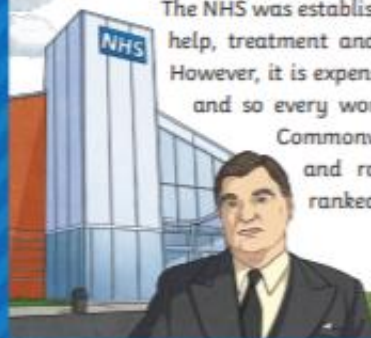
When Was the NHS Founded?

Before the founding of the NHS, only affluent people could afford to access hospital care or seek medical help; every visit to a healthcare professional would cost money. Therefore, many people did not have access to the medical care that they needed.

After the Second World War, Aneurin Bevan became the Minister of Health in the Labour government. He started the National Health Service on 5th July 1948. Mr Bevan wanted a system which provided medical care that was free for everyone to access within the UK.

What Makes the NHS Special?

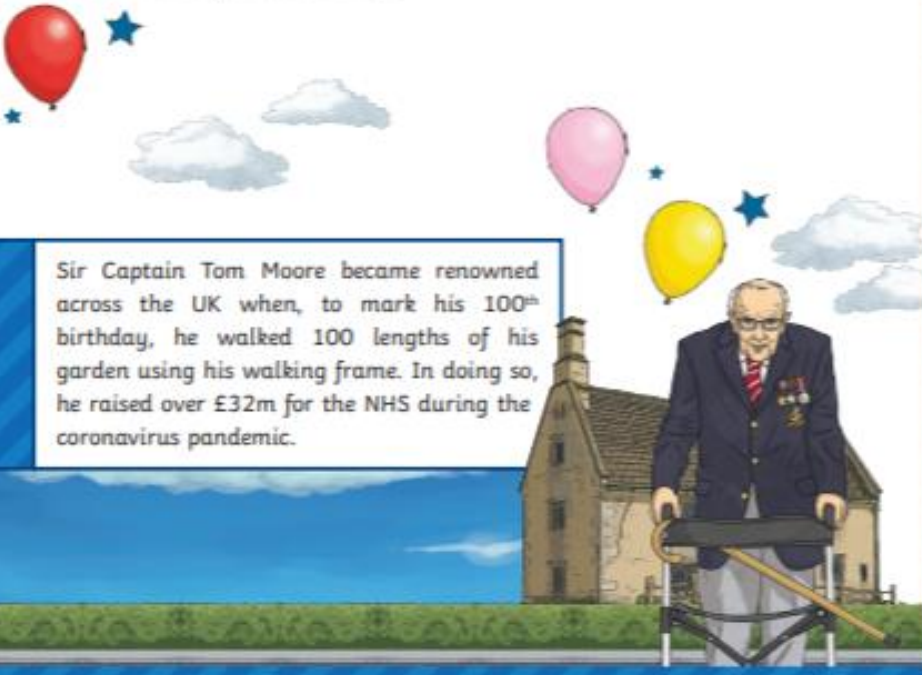
The NHS was established to ensure that everyone could access medical help, treatment and advice regardless of their financial situation. However, it is expensive to provide medical care for a whole country and so every working adult pays taxes to the government. The Commonwealth Fund conducted a study of 11 countries and ranked each healthcare system: the NHS was ranked first for quality of care and efficiency.



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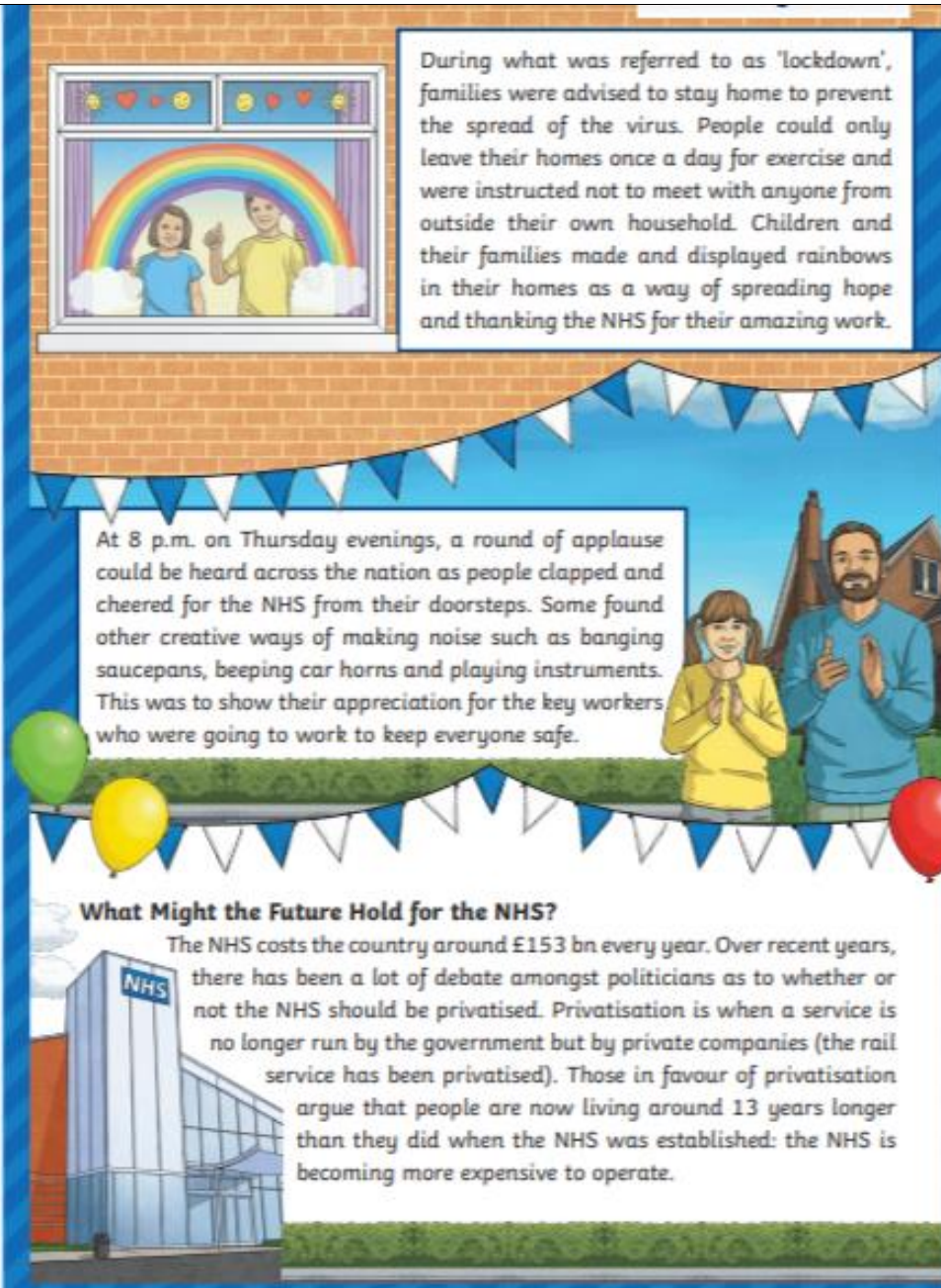
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	<div><h3>Celebrating the NHS</h3><p>Many people consider themselves lucky to have access to the NHS in the UK. While there are some countries which have government-funded healthcare, other nations operate very differently. In some parts of the world, people without insurance (or who can't afford treatment) would not be able to access medical care. There are also places where the quality of care you receive will be dependent on what you can afford.</p><p>How Did the NHS Respond to the Coronavirus Pandemic?</p><p>During the global coronavirus (COVID-19) pandemic, NHS staff were praised for their bravery and self-sacrifice. Doctors, nurses and other healthcare workers have risked their own lives to care for other people.</p><p>A total of 17 buildings around the UK were converted into hospital facilities to deal with the pandemic. Many professionals (who had left or retired from the NHS) were asked to return to help.</p><p>How Have We Been Celebrating Our NHS?</p><p>During the coronavirus pandemic, the British people showed their gratitude towards NHS staff in several ways:</p></div> <div><p>Sir Captain Tom Moore became renowned across the UK when, to mark his 100th birthday, he walked 100 lengths of his garden using his walking frame. In doing so, he raised over £32m for the NHS during the coronavirus pandemic.</p></div>
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	 <p>During what was referred to as 'lockdown', families were advised to stay home to prevent the spread of the virus. People could only leave their homes once a day for exercise and were instructed not to meet with anyone from outside their own household. Children and their families made and displayed rainbows in their homes as a way of spreading hope and thanking the NHS for their amazing work.</p> <p>At 8 p.m. on Thursday evenings, a round of applause could be heard across the nation as people clapped and cheered for the NHS from their doorsteps. Some found other creative ways of making noise such as banging saucepans, beeping car horns and playing instruments. This was to show their appreciation for the key workers who were going to work to keep everyone safe.</p> <p>What Might the Future Hold for the NHS?</p> <p>The NHS costs the country around £153 bn every year. Over recent years, there has been a lot of debate amongst politicians as to whether or not the NHS should be privatised. Privatisation is when a service is no longer run by the government but by private companies (the rail service has been privatised). Those in favour of privatisation argue that people are now living around 13 years longer than they did when the NHS was established: the NHS is becoming more expensive to operate.</p>
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Celebrating the NHS													
<h2 style="text-align: center;">Questions</h2>													
<p>1. What was Aneurin Bevan's job title? Tick one.</p> <p><input type="radio"/> politician</p> <p><input type="radio"/> Minister for the NHS</p> <p><input type="radio"/> doctor</p> <p><input type="radio"/> Minister for Health</p>													
<p>2. Draw four lines and match each word to its definition.</p> <table border="0" style="width: 100%;"><tr><td style="border: 1px solid black; padding: 5px; width: 45%;">health insurance</td><td style="width: 5%; text-align: center;">•</td><td style="border: 1px solid black; padding: 5px; width: 50%;">When a service is no longer run by the government but by private companies.</td></tr><tr><td style="border: 1px solid black; padding: 5px;">pandemic</td><td style="text-align: center;">•</td><td style="border: 1px solid black; padding: 5px;">A disease which has spread to lots of countries.</td></tr><tr><td style="border: 1px solid black; padding: 5px;">privatisation</td><td style="text-align: center;">•</td><td style="border: 1px solid black; padding: 5px;">The government-funded healthcare system for people in the UK.</td></tr><tr><td style="border: 1px solid black; padding: 5px;">National Health Service</td><td style="text-align: center;">•</td><td style="border: 1px solid black; padding: 5px;">The money people pay to companies to cover the cost of medical care.</td></tr></table>		health insurance	•	When a service is no longer run by the government but by private companies.	pandemic	•	A disease which has spread to lots of countries.	privatisation	•	The government-funded healthcare system for people in the UK.	National Health Service	•	The money people pay to companies to cover the cost of medical care.
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<p>3. Who has the author written this text for?</p> <p>_____</p>													
<p>4. Find and copy one word which shows that the NHS staff put the needs of others before their own.</p> <p>_____</p>													
<p>5. Who conducted the study in which the NHS ranked the highest for quality of care?</p> <p>_____</p>													

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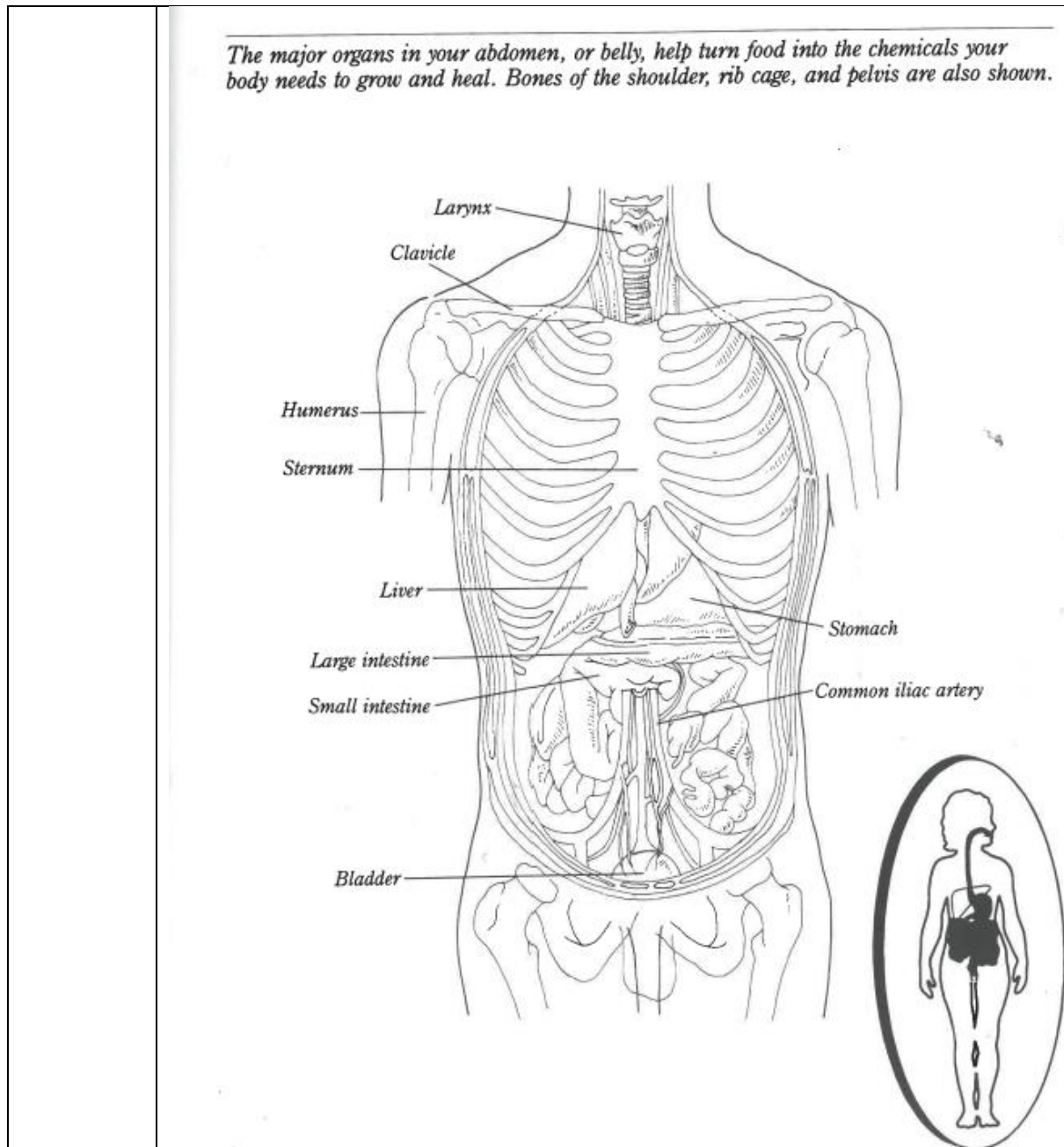
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	<p>6. How is healthcare different in the UK compared to other countries?</p> <hr/> <hr/> <hr/> <p>7. Which is the most important section in the text? Justify your choice.</p> <hr/> <hr/> <hr/> <p>8. Summarise how the NHS dealt with the coronavirus pandemic in 25 words or fewer.</p> <hr/> <hr/> <hr/> <p>9. Why do you think so many people helped Sir Captain Tom Moore to raise over £32m for NHS charities?</p> <hr/> <hr/> <hr/> <p>10. Explain in no more than 50 words what makes the NHS worth celebrating.</p> <hr/> <hr/> <hr/>
P.E.	I'm sure you are all getting out and about for your daily exercise, if you need other ideas, you could complete a Joe Wicks work out (you tube) or a Cosmic yoga one (you tube).
Afternoon lessons: Topic	<p>We are going to start learning about the human digestive system. Watch this clip for a brief overview: https://www.bbc.co.uk/bitesize/topics/z27kng8/articles/z9wk7p3</p> <p>You could have a go at the quizzes too. Then read the sheets below.</p>

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	<h2>Food into Energy</h2> <p>Here's a peek at some of the major organs of the <i>abdomen</i>, or <i>belly</i>. The muscles of the abdominal wall and a fatty apron-like covering over the intestines have been left out of the drawing. You can clearly see the <i>liver</i>, the <i>stomach</i>, the <i>large intestine</i>, the <i>small intestine</i>, and the <i>bladder</i>.</p> <p>Your <i>liver</i> is a large, reddish-brown organ that's divided into several parts, called lobes. The largest lobe is partly covered by the right side of your rib cage. Your liver stores sugar, produces important proteins, and filters harmful chemicals from your blood.</p> <p>Just beneath your liver is your stomach. It's a large sac where the protein in your food starts to get digested. When food is digested, it's converted into chemicals that your body needs for energy, growth, and repair.</p> <p>From your stomach, food passes through several parts of your small intestine where digestion continues and food is absorbed into the blood.</p> <p>Your large intestine, or <i>colon</i>, absorbs most of the water that remains after digestion and forms solid feces. Feces is the waste product of the foods you eat.</p> <p>Your bladder stores the liquid waste produced by the kidneys.</p> <p>The <i>common iliac arteries</i> are the end branches of the aorta in the abdomen. They supply blood to your bladder and other organs in the pelvis as well as to your hips and legs.</p> <p>I think the explanation will hopefully be enough for you to understand the layout of the digestive system.</p> <p>I would like you to make a poster of this information to show how the organs of the digestive system fits together in the body. This is to help you try and learn it.</p> <p>You could also google 'KS2 digestive system' for further information.</p> <p>Next lesson will look at the individual parts of the digestive system in more detail.</p>
	<p>Thanks Oak, I'll hear from you via the class email.</p> <p>Remember Miss Wharton has her laptop on all day during the week, like when we are at school, so you can send your work or a message when you like (I can share these with Mrs Wylie), We love hearing from you.</p>

Please ensure that you email completed work to oak@lyng.norfolk.sch.uk so I can provide feedback on certain pieces to ensure progression.