









HOMWORK PROJECTS - Choose at least four activities to complete over the half term. Choose ones from a range of subject areas.

Please hand in before Friday 12th July.

THEME: Science based - The body YEAR: 4

COMMUNICATION & LANGUAGE 	READING & WRITING 	NUMERACY 	COMPUTING 
<ul style="list-style-type: none"> Imagine you are a piece of food that has just been eaten. Tell someone else what happened to you on your journey through the human body!! Maybe you could present your work as a video diary. Were any parts uncomfortable? Were any parts disgusting? Visit health professions such as the doctor and dentist and ask them some questions. Come and share your findings with our class. Talk to somebody about your science unit. What have you enjoyed learning about? Jot down your ideas and share with the class. 	<ul style="list-style-type: none"> Research the organs within our digestive system. Which organ do you think is the most important? What is special about this organ and what facts can you find out? Create a story about a person who ate the strangest items. Did anything happen? For example, if they ate a helicopter did they fly? If they ate a table did they grown an extra 2 legs? Read the story "Demon Dentist" by David Walliams. What happened? We know 5 portions of fruit and vegetables are recommended each day. Which fruits and vegetables are your favourites and what facts do you know? How many seeds are on a strawberry and how long does it take cauliflower to grow? Research the digestive system. Write a diary entry imagining that you are a piece of food. Don't forget to include your thoughts and feelings at the different stages. 	<ul style="list-style-type: none"> Can you make a healthy dish? How many food groups are in your meal? Make sure you are careful using the scales to measure each item out carefully. Find out some mathematical facts about the organs in our body. How much does the stomach weigh? How long is the small intestine? Create some human body themed word problems for your partner to complete. There are 16 people how many fingers do they have altogether? Some people sneeze because they are allergic to certain substances such as pollen or house dust mites. Survey your friends and family and find out if anyone you know has an allergy. Present the information in a table. Can you then present your findings in a chart? Explore. 	<ul style="list-style-type: none"> Research the digestive system and present your information using a PowerPoint. Explore with slide transitions to make your show exciting for all to watch. Learn how to boost your immune system. Make a poster or advert for a doctor's surgery to help people avoid falling victim to the flu season. Create a film about the human body. Remember to email this to the school office so we can share it with our class. Some individuals require technology in order to communicate with the outside world. Research Stephen Hawking and find out about his communication aids.

<p style="text-align: center;">CREATIVE DEVELOPMENT</p> 	<p style="text-align: center;">PHYSICAL DEVELOPMENT</p> 	<p style="text-align: center;">KNOWLEDGE & UNDERSTANDING</p> 	<p style="text-align: center;">SOCIAL, MORAL, SPIRITUAL & CULTURAL DEVELOPMENT</p> 
<ul style="list-style-type: none"> • Design and make a model of the human body with all of the digestive system organs in the correct locations! • Use your pencil to sketch and shade people's faces showing different emotions. • Can you take photographs of various (suitable ☺) parts of your body and make a collage image. • There were lots of artists who draw / painted the human body? Can you find out who these individuals were and why they produced the art. Were there any artists who displayed the human body in strange abstract ways? Research and produce your own art using their style as a starting point. • Find out about human teeth and the teeth of other animals. Can you draw the teeth from these creatures to scale? Maybe don't choose a huge dinosaur as your page may not be big enough ☺ 	<ul style="list-style-type: none"> • Take part in physical exercise and explore what happens to your body when you move. • Does the age of your body effect how fast you can run? Ask some friends and family of different ages to take part in a running competition and explore. • Find out about the energy that food gives you and how this can impact on your daily activities. What are calories and how many calories does our body need to run a mile? Sleep? Breathe? Walk 5 meters etc. • What happens to our bodies if we do not take exercise seriously? Research. • Many doctors specialise in a focused area. Do you know any doctors? Do you know anyone who visits the renal doctor? What is a cardio doctor? Research and find out about doctors specialisms. 	<ul style="list-style-type: none"> • What foods do people around the world eat? What foods are popular in France? Do people in America eat potatoes? • What are hospitals like in other countries? Are there some countries that don't have a national health scheme like the UK and people pay for treatment? • Make a list of as many body parts as you can, in as many different languages as you can. • What qualifications and training do you need to become a dentist? You could quiz your dentist at your next check up! Ask before you are in the middle of a scale and polish! • What do you know about medicine through time? How did people operate in the olden days? How were medicines created / developed? Research • Are the organs inside the human body the same in animals? Do cows have one stomach like ourselves? Do fish have lungs? Research 	<ul style="list-style-type: none"> • The bible says that God made the first man and woman. Explore this part of the bible and see what you can find out. • There are lots of countries around the world that live in poverty. Some people have no clothes, food or homes. How can we help? • Do you have any horrid habits; such as nail biting or nose picking? What habits do you dislike in others? Think up some tips on how to give up a horrid habit. • Many people suffer with their health from time to time. This can be a really scary and worrying time. If we know someone's mum has cancer what can we do to help? If someone has an operation coming up what can we say to help them not be afraid?