

Name:
Form:

1. $\quad \stackrel{W}{2} \leq$ West Norfolk

Min Academies Trust

Week 1/A

|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Tutor <br> Time |  |  |  |  |  |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
|  |  |  |  |  |  |

Week 2/B

|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Tutor <br> Time |  |  |  |  |  |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
|  |  |  |  |  |  |

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## Autumn Term

## Attendance and Absence

In cases of absence, parents are asked to contact the relevant staff office, as early as possible, giving details. The only acceptable reasons for absence are unavoidable ones such as illness. Appointments of all kinds should be made out of school time whenever possible.

## Punctuality

While some delays are unavoidable, pupils should be punctual to lessons. Anyone arriving late to school must report to the relevant staff office and use the late system in order to get a mark. Late after registration closes is technically an unauthorised absence.

## Pastoral Support Contacts

Telephone Number:
Email Address:

## Term Dates Summary

| Autumn Term 2023 |  |  |
| :---: | :---: | :---: |
| Wednesday 6 Sept - <br> Friday 20 Oct 2023 | Half-term: <br> Monday 23 - Friday 27 Oct 2023 | Monday 30 Oct - <br> Wednesday 20 Dec 2023 |
| Spring Term 2024 |  |  |
| Thursday 4 Jan - <br> Friday 16 Feb 2024 | Half-term: <br> Monday 19 - Friday 23 Feb 2024 | Monday 26 Feb - <br> Wednesday 27 Mar 2024 |
| Summer Term 2024 |  |  |
| Monday 15 Apr Friday 24 May 2024 | Half-term: <br> Monday 27 - Friday 31 May 2024 | Monday 3 Jun - <br> Friday 19 Jul 2024 |

My best subject is:

What I want to achieve this term:

School Login Details:

My extra curriculars this term:

## Autumn Term 1 Calendar

| September 2023 |  |  |
| :---: | :---: | :--- |
| 1 | Fri |  |
| 2 | Sat |  |
| 3 | Sun |  |
| 4 | Mon |  |
| 5 | Tue |  |
| 6 | Wed |  |
| 7 | Thu |  |
| 8 | Fri |  |
| 9 | Sat |  |
| 10 | Sun |  |
| 11 | Mon |  |
| 12 | Tue |  |
| 13 | Wed |  |
| 14 | Thu |  |
| 15 | Fri |  |
| 16 | Sat |  |
| 17 | Sun |  |
| 18 | Mon |  |
| 19 | Tue |  |
| 20 | Wed |  |
| 21 | Thu |  |
| 22 | Fri |  |
| 23 | Sat |  |
| 24 | Sun |  |
| 25 | Mon |  |
| 26 | Tue |  |
| 27 | Wed |  |
| 28 | Thu |  |
| 29 | Fri |  |
| 30 | Sat |  |
|  |  |  |


| October 2023 |  |  |
| :---: | :---: | :--- |
| 1 | Sun |  |
| 2 | Mon |  |
| 3 | Tue |  |
| 4 | Wed |  |
| 5 | Thu |  |
| 6 | Fri |  |
| 7 | Sat |  |
| 8 | Sun |  |
| 9 | Mon |  |
| 10 | Tue |  |
| 11 | Wed |  |
| 12 | Thu |  |
| 13 | Fri |  |
| 14 | Sat |  |
| 15 | Sun |  |
| 16 | Mon |  |
| 17 | Tue |  |
| 18 | Wed |  |
| 19 | Thu |  |
| 20 | Fri |  |
| 21 | Sat |  |
| 22 | Sun |  |
| 23 | Mon |  |
| 24 | Tue |  |
| 25 | Wed |  |
| 26 | Thu |  |
| 27 | Fri |  |
| 28 | Sat |  |
| 29 | Sun |  |
| 30 | Mon |  |
| 31 | Tue |  |
|  |  |  |

## Autumn Term 2 Calendar

| November 2023 |  |  |
| :---: | :---: | :--- |
| 1 | Wed |  |
| 2 | Thu |  |
| 3 | Fri |  |
| 4 | Sat |  |
| 5 | Sun |  |
| 6 | Mon |  |
| 7 | Tue |  |
| 8 | Wed |  |
| 9 | Thu |  |
| 10 | Fri |  |
| 11 | Sat |  |
| 12 | Sun |  |
| 13 | Mon |  |
| 14 | Tue |  |
| 15 | Wed |  |
| 16 | Thu |  |
| 17 | Fri |  |
| 18 | Sat |  |
| 19 | Sun |  |
| 20 | Mon |  |
| 21 | Tue |  |
| 22 | Wed |  |
| 23 | Thu |  |
| 24 | Fri |  |
| 25 | Sat |  |
| 26 | Sun |  |
| 27 | Mon |  |
| 28 | Tue |  |
| 29 | Wed |  |
| 30 | Thu |  |
|  |  |  |


| December 2023 |  |  |
| :---: | :---: | :--- |
| 1 | Fri |  |
| 2 | Sat |  |
| 3 | Sun |  |
| 4 | Mon |  |
| 5 | Tue |  |
| 6 | Wed |  |
| 7 | Thu |  |
| 8 | Fri |  |
| 9 | Sat |  |
| 10 | Sun |  |
| 11 | Mon |  |
| 12 | Tue |  |
| 13 | Wed |  |
| 14 | Thu |  |
| 15 | Fri |  |
| 16 | Sat |  |
| 17 | Sun |  |
| 18 | Mon |  |
| 19 | Tue |  |
| 20 | Wed |  |
| 21 | Thu |  |
| 22 | Fri |  |
| 23 | Sat |  |
| 24 | Sun |  |
| 25 | Mon |  |
| 26 | Tue |  |
| 27 | Wed |  |
| 28 | Thu |  |
| 29 | Fri |  |
| 30 | Sat |  |
| 31 | Sun |  |
|  |  |  |

## Homework Log and Parental Check

| Week 1 | Subject 1 | Subject 2 | Signed |
| :---: | :---: | :---: | :---: |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 2 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 3 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 4 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 5 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 6 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 7 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |

## Homework Log and Parental Check

| Week 8 | Subject 1 | Subject 2 | Signed |
| :---: | :---: | :---: | :---: |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 9 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 10 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 11 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 12 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 13 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |
| Week 14 | Subject 1 | Subject 2 | Signed |
| Monday |  |  |  |
| Tuesday |  |  |  |
| Wednesday |  |  |  |
| Thursday |  |  |  |
| Friday |  |  |  |

## Reading Log

Use this reading log to keep a record of the books you read during the year. You should also use this reading log to record the books from the Reading Passport that you have read but make sure your tutor records them, too.



## Year 9 Reading Passport

We have created a Reading Passport to inspire students to read some of the best literature available to them. Over the course of the year, we expect students to read as many of the texts included in the passport for their year group as possible.

If students manage to read 7, or more, books from this passport by the end of the year they will receive a certificate. They can, of course, read other books and texts throughout the year and we encourage and support students' wider reading. Students can track which texts they have read using the tick boxes on the next page.

The books selected are fantastic examples of modern and classical literature, representing the best the world has to offer. Students can read these texts independently or they could listen to them on audiobook. The important thing is that they will experience a variety of genres, authors, and stories! We hope that all students will finish Year 11 having read at least 35 incredible books.

The easiest way to get hold of these books is from our school library where children can take them home to read. These texts can also be purchased from Amazon, or from many local bookstores.

Whilst every care has been taken to check the suitability of the books included in our Reading Passport, we are aware that children mature at different rates. Therefore, we strongly recommend that parents discuss their child's reading choices to ensure they are appropriate for them.


## Year 9 Reading Passport



## Instructions for Using Your Knowledge Organiser

Every school day, you should study 1 to 2 subjects from your knowledge organiser for homework lasting at least 1 hour in total.

On pages 8 and 9 there is space for you to record the subjects you have studied to make sure you are giving equal time to all of them. Your parent should sign off your homework each evening on these pages.

Your parent should also sign your reading log on pages 10 and 11. You can use the note pages in this booklet to help with your studies.

You need to bring your Knowledge Organiser to school every day. It will be checked regularly during form time.

You will be regularly tested on knowledge contained in this booklet in your lessons and through quizzes on Show My Homework.

## 8 Top Revision Tips

 away from distractions and keep all of your things in one place.

## 5

It is possible to work too hard! Your brain needs rest and time to process $\mathbf{Z}_{\mathbf{Z}}$ the information you've studied.


7
Use Past Papers
These are a great way to test yourself and a good way to get used to the exam format


Work out how much time you have and how much of it you can spend on each subject.


## 4 Find a Good Method

Choose the best revision methods for you and try to use a mixture of methods for the best results.


## Revise with Friends

Talking through what you've learned with a friend can help information stick.


## Eat Well

You need to maintain a healthy diet to be able to retain information and not lose energy or focus during study.
LONG TERM
MEMORY


Read Aloud
Simply speak the
facts and dates
out loud as you're
reading the Knowledge
Organiser. Even try to
act out some of the
facts - it really helps you remember!
Sketch it
Draw pictures to represent each of the facts or dates. It could be a simple drawing or something that reminds you of the answer.
Year 9 Autumn Term Knowledge Organiser


## Art Specific Language and Terms

| Contact Printing <br>  <br> Chemigrams) | Cyantotypes - Photographic prints created by <br> placing objects onto cyantotype paper and <br> exposing to UV light: Chemigrams - Objects <br> dipped into photographic chemicals and then <br> placed onto photo paper. | Reduction Lino <br> Printing | Producing reduction lino prints involves <br> cutting and inking several layers from a <br> single lino block to create a multi-coloured <br> print. |
| :---: | :--- | :--- | :--- |
| Relief Printing | Relief printing is a printing method where <br> a printing block or plate is created by <br> removing/cutting away negative sections of an <br> image or by adding layers to create a raised <br> surface (collagraph). Ink is then applied to its <br> surface, but not to any recessed areas and then <br> brought into contact with paper. Pressure is <br> applied to transfer the ink either by hand or by <br> using a printing press. | Photo-emulsion <br> (Screen printing) | An emulsion which is scooped' across the <br> mesh of screen and then exposed to <br> ultra-violet light, through a film or <br> transparency printed with the required <br> design. This hardens the emulsion in the <br> exposed areas but leaves the unexposed <br> parts soft. They are then washed away <br> using a water spray; leaving behind the <br> desired image. |

Examples of Artists That Use Printmaking Techniques:

Lino cut
Brian Reedy

Cyanotype
Anna Atkins

Screen printing
Shepard Fairey

## Lino Printing:

Lino printing is a form of fine art printmaking where
the printing plate is cut into lino. The lino is then inked, a
piece of paper placed over it, and then run through
a printing press or pressure applied by hand to transfer
the ink to the paper. The result is a linocut print. The
advantage of this printing method is that multiple prints
can be made allowing for experimentation of colour and
layering of colour.





?





$$
\begin{aligned}
& \text { Development over time } \\
& \text { to maintain } \\
& \text { improvement: } \\
& \text { 1) After } 1 \text { week increase to } \\
& 3 \text { reps of } 15 \\
& \text { 2) After } 2 \text { weeks increase } \\
& \text { challenge by adding } \\
& \text { alternate leg lifts }
\end{aligned} \text { } \begin{aligned}
& \text { Make sure back remains } \\
& \text { straight and hips do not } \\
& \text { twist. }
\end{aligned}
$$

## E


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1
10
$>$

| Posture | The way the body is held. |
| :--- | :--- |
| Coordination | The efficient combination of body parts. |
| Extension | Lengthening one or more muscles or limbs. |
| Alignment | Correct placement of body parts in relation to <br> each other. |
| Control | The ability to start and stop movement, <br> change direction and hold a shape efficiently. |
| Strength | Muscle power. |
|  | A |

## 



| Flexibility | The range of movement in the joints |
| :--- | :--- |

Exercise to Lie on your back with your knees bent and feet hip
distance apart. Slowly distance apart. Slowly spine from pelvis to shoulders. Hold position for emains straight. Slowly roll back down through spine from shoulders to pelvis. Complete 3 reps of 10
every other day. Check your
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0
$\frac{C}{c}$
$\frac{0}{0}$
3
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 and watching 0
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0
0
0
0
0 0
$\stackrel{c}{\sigma}$
$\stackrel{9}{c}$
0
0
0
$\frac{c}{\text { u }}$ or teacher to

 look at balance. height in jumps, $\stackrel{0}{C}$ | 0 |
| :--- |
| $\frac{c}{7}$ |
| $\vdots$ |
| $\vdots$ |
| $\frac{1}{3}$ |
| 0 |
| 0 |
| 0 | 등

운

Muscles become more Iastic
lerve messages from the brain to the limbs speed up
Internal body emperature is raised Increase of slood flow to the muscles Reduce the risk of Injury Joints are mobilised

> Remember
Tie air back
Wear clothes that jove with you
Do not wear ewellery
Do not wear any saggy clothes that you can get caught up in
Ensure appropriate Footwear is worn
Close fitting to see the lines of the dancer



| Vocabulary | Definition |
| :--- | :--- |
| Duologue | A speech presented by two characters in <br> a performance, often used to <br> explore/develop relationships. |
| Interpretation | A particular way of performing a part in a <br> play. |
| Intention | Something that you want and plan to do <br> in a play. |
| Innovative | Original and creative approach. |
| Realism | Theatre that attempts to create an <br> illusion of reality though a range of <br> dramatic and theatrical strategies. |
| Period | Scripts from different time periods such <br> as Greek, Elizabethan or Victorian. |
| Stylised | Non-naturalistic, performed in a <br> particular manner or with emphasis on <br> one element. |
| Physicalise | Drama technique where performers <br> communicate their characters in a <br> physical way (body language, movement, <br> facial expression \& gesture). |
| Ensemble | An approach to acting that aims for a <br> unified effect achieved by members of <br> the cast working together on behalf of <br> the play, rather than emphasising <br> individual performances. |
|  | Prat |

Representation
Core Text: Othello by William Shakespeare Representation is the depiction of a thing, definitive view of reality, but instead, each representation offers a different construction of the world and of experience in it.


®゙:
*spiom 0q suotqtukfop శlutuoqau


|  | Vocabulary |
| :---: | :---: |
| [ | Representation |
| $\square$ | Perception |
| $\square$ | Influence |
| $\square$ | Derogatory |
| $\square$ | Media |
| $\square$ | Prejudice |
| $\square$ | Stereotype |
| [ | Authentic |
| [ | Otherness |
| $\square$ | Marginalised |
| $\square$ | Tragic hero |
| [ | Hamartia |
| $\square$ | Argument |
| [ | Semicolon |
| $\square$ | lambic pentameter |
| $\square$ | Blank verse |
| $\square$ | Hyperbole |


Year 9 KS3 Cooking and Nutrition: Food Choice

Vitamins A, D, E and K are fat soluble and can be stored by our body in our body fat. A fat soluble example is Vitamin A which is needed for healthy eyesight, health skin and healthy immune дuppixoliui struəsks of diəu osib sə! inədodd mout Kpoq eut ןəəoud cancer and
cardiovascular disease. Some manufacturers
might choose to
dedicate a production
line or equipment to
products that are free
from particular
allergens e.g. nuts or
wheat free. These
production lines could
still be used to make a
number of different
products as long as
they do not contain
that particular allergen.



| Prior Learning / Context: |
| :--- |
| Prior leaming includes the Eatwell Guide and the principles of healthy |
| eating. Medium cooking skills, including sauce making, bread and |
| pastry making, also completed. |


| Key Questions: <br> What allergy <br> information is required <br> on food packaging? (2 <br> marks) | Food Allergies |
| :--- | :--- | :--- |
| Plan a 3 course meal <br> for someone who is <br> gluten intolerant - <br> explain your reasons for <br> choice (6 marks) | An allergen-a substance <br> that can cause an <br> extreme allergic reaction <br> An intolerance - causes <br> symptoms such bloating <br> stomach aches |



We need food for growth and repair of cells, energy, warmth,
protection from illnesses and keep our bodies working properly.
Food is made of 5 nutrients. Each nutrient does a different job in the body. Eating a balanced diet means we get all the nutrients
we need for a long and healthy life.
Some of these nutrients you need in large amounts (protein, carbohydrates and fats) - these are called macronutrients. Some of these nutrients we need in small amounts (vitamins and minerals) - these are called micronutrients.

Vitamins A, D, E and K are fat soluble and can be stored by the body in our body fat. A fat soluble example is Vitamin A which is needed for healthy eyesight, healthy skin and a healthy immune system. Its antioxidant properties also helps to protect the body system. Its antioxidant properties also helps to protect the bod
from cancer and cardiovascular disease (CVD). You also need minerals such as calcium and iron, for example
Calcium is needed for bone density and to maintain healthy,
strong teeth and Iron is needed to make red blood cells which
transport oxygen around the body. You also need minerals such as calcium and iron, for example
Calcium is needed for bone density and to maintain healthy,
strong teeth and Iron is needed to make red blood cells which
transport oxygen around the body. You also need minerals such as calcium and iron, for example
Calcium is needed for bone density and to maintain healthy,
strong teeth and Iron is needed to make red blood cells which
transport oxygen around the body. You also need minerals such as calcium and iron, for example
Calcium is needed for bone density and to maintain healthy,
strong teeth and Iron is needed to make red blood cells which
transport oxygen around the body.
Water is not a nutrient but it is required for life. You need to stay transport oxygen around the body.
Water is not a nutrient but it is required for life. You need to stay hydrated because your body is $70 \%$ water and you need to replace water you lose when you breathe, sweat or urinate. Water is needed to cool the body, remove waste and to digest and transport nutrients around the body. It is recommended that you drink 6-8 glasses of water a day.


[^0]-     - 




 because they can stop breathing.
There are 14 common food allergens and information for these must be highlighted in bold in the main ingredients list on the back food packaging.
A food intolerances are more common and symptoms such as diarrhoea, bloating and weight loss are noticeable a short time after someone has eaten the food they are intolerant to.
Lactose intolerance is one of the most common with people not able to digest lactose which is the natural sugar in milk and other dairy products.
Gluten intolerance happens when someone is intolerant to gluten which is the natural protein found in wheat flour and other cereals such as rye and barley. About 1 in a 100 people suffer from coeliac disease which is a more serious intolerance to gluten. Their body attacks the healthy tissues in the body by mistake.
To prevent people consuming food they are allergic or intolerant to, there are strict laws about how food is made in factories or prepared in restaurants to prevent cross-contamination.


Year 9-French - Dynamo 3 Vert-Autumn Term 1

Qu:est-ce que tu aimes faire?

## J'adore ${ }_{\text {, }}$

J'aime:
J'aime beaucoup...
Je n'aime pas.
Je déteste..: le cine̊ma. le sport. la lecture. la musique. la téle. les animaux. les jeux vidéo.
C'est... amusant. génial intéressant. ennuyeux. nul:
J'aime,
Je n'aime pas....
llove
llike
I like a.s a lot
I don'tlike...
I hate...
cinema.
sporit.
reading.
music
TV.
animals.
video games.
It's.a.
fun.
great.
interesting.
boring
nubbish. aller au cinema. going to the cinema. danser. dancing. ecouter du R'n'B. listening to R'n'B. jouer au basket playing basketball. nager. swimming. regarder des comédies. watching comedies. surfer sur internet suffing the internet. tchatter faire dujudo. prendre des selfies. taking selfies.

| Qu'est-ce que tu fais comme activites extra-scolaires? |  |
| :---: | :---: |
| Je chante dans la chorale. | $I$ sing in the choir. |
| Jejoue au badminton. | I play badminton. |
| Je joue du violon dans forchestre. |  |
|  | I play violin in the orchestra. |
| Je fais du theatre. | I do drama |
| Je fais de la gymnastique, | I do gymnastics, |
| Je vais au club de danse. | I go to the dance club. |
| Je vais au club dinformatique. | v. I go to the computer club. |
| Je ne fais rien: Id | I don't do anything / I do nothing. |
| Je fais ça.i. | I do thati.. |
| le lundi/le mardi, | on Mondays / on Tuesdays |
| apres les cours. | after lessons. |
| à midi. | at lunchtime |
| avec mon copain / ma copine: | e. with my friend. |
| avec mes ami(e)s. | with my friends. |
| avec mon équipe. | with my team. |

Amis pour toujours! Je suis...
Mon meilleur ami est...
Ma meilleure amie est.。
grand(e), petit(e). de taille moyenne.

J'ai les yeux.
II/ Elle a les yeux...
bleus / gris.
marron/verts.
J'ail les cheveux. .
II/ Elle ales cheveux
blonds / bruns.
noirs / roux.
couits / longs / mi-longs.
bouclés / raides.
II/ Elle porte des lunettes.
Je m'entends bien avec..
Je me dispute avec. ${ }_{6 \%}$
parce quil/ elle est... arrogant(e). impatient(e), drôle. egoiste. sympa. timide.
Sur la photo, ily a
au centre
à droite
à gauche

## Friends foreverl

1 am.o.
My best friend is...
My best friend is...
tall.
small.
medium-sized
I have:...eyes. He / She has ... eyes. blue / grey brown / green
I have es. hair:
He/She has nair.
blond / brown
black / red
short / long / medium-length curly $/$ straight.

He / She wears glasses:
I get on well with...
1 argue with.
because he/sheis...
amrogant.
impatient.
funny,
selfish.
nice.
shy.
In the photo there is fare ...
in the centre
on the right
on the left

| Comment as tu fete ton anniverssaire? |  |
| :---: | :---: |
| How did you celebrate your birthday? |  |
| J'al regardé mes messages | llooked at my messages; |
| J'ai mange du gâteau dannivers | saire, I ate bithday cake. |
| J'ai joue au laser tag. | I played laser tag. |
| J'aí dansê. | 1 danced. |
| J'ai bu du coca | I drank cola. |
| J'ai fait une fête d'anniversaire. | Thad a bithday party. |
| J'ai ouvert mes cadeaux. | 1 opened my presents. |
| Je suis allé(e) au cinéma. | 1 went to the cinema. |
| J'ai fait une soirée pyjama, | thad a sleepover. |
| Cetait | Itwas. .on |
| amusant / genial. | fun/great |
| hyper-cool. | really cool. |
| marrant/sympa | funny $/$ nice |

Comment as itu fete to nomniversaire?
How did you celebrate your birthday?
Jail

J'ail joué au laser tag.
J'aí dansé.
J'ai bu du coca.
J'ai fait une fête d'anniversaire. Thad a bithday party.
J'ai ouvert mes cadeaux. lopened my presents.
Je suis alle(e) au cinema. $\quad$ went to the cinema.

- Jaifa une soree pyjama.
amusant / genial.
marrant/sympa

I played laser tag.
Idanced.
Idrank cola.
thad a sleepover.
Itwas. .os
fun Ireat
funny Inice:

| Jai mangé au restaurant, Je suis allé(e) à un concert. Je suis allée e) à une fête. | l ate in a restaurant |
| :---: | :---: |
|  | I went to a concert. |
|  | I went to a paity |
| Je suis allé(e) au marriage de mon cousin / ma cousines: I went to my cousin's wedding. |  |
|  |  |
| Quest-ceque fu as poite? | What did you wear? |
| Jai porte.t. | IWore.os |
| un blouson/ unjogging ... | ajacket / tracksuit |
| un puil $/$ un tee-shirts, | ajumper/tee-shit |

Argent de poche
Pour gagner de l'argent, $\ldots$ on peut / je dois... aider à la maison. aider les voisins. trouver un petit boulot. faire du babysitting.

## Pocket money:

to eam money you can / 1 must help at home. help the neighbours. find a part-time job: do babysitting.

Qulest-ce que fu fais pourgagner de largent ? What do you do (in order) to earn money?

Je lave la voiture.
Je garde mon petiffrere.
Je garde ma petite soeur
Je range ma chambre.
Je travaille dans un café
Je travaille a la boulangerie.
Je fais la cuisine:
$I$ wash the car,
1 look after my little brother:
llook after my little sister.
Itidy my room 1 work in a cafe: 1 work at the bakery: I do the cooking.

Je gagne 8 euros par semaine / par mois;
[earn 8 euros a week) a month.

## Qu estre que tur veux faire comme metier?

What job do you want to do?
je veux être :
je ne veux pas être ...
scientifique.
pilote.
ingenieur(e).
danseur / danseuse.
acteur $/$ actrice.
dessinateur $/$ dessinatrice,
instituteur $/$ institutrice
professeur
infirmier / infirmière
policier / policière
mécanicien / mécanicienne
musicien / musicienne:
architecte
véterinaire
Cest:
I want to be a... I don't want to be a... scientist
pilot engineer dancer actor/actress. designer. primary schaol teacher teacher (secondary and beyond). nurse police officer mechanic: musician archifect vet
creatif/dangereux / ennuyeux / fatigant $/$ passionnant $/$. pratique / varie / bien payé:
creative / dangerous / boring / tiring / exciting / practical / varied /well paid.

Je veux...
travailler seul(e).
travailler en équipe.
to work in a team.
travailler ayec des enfants /animaux.
to work with children / animals.
aider les autres:
fo help others.

## Future Tense

Complete each sentence with the correct part of Aller:

1. Je. $\ldots \ldots \ldots$ acheter une maison.
$2.1 ., \ldots, \ldots$ visiter ses grandparents
2. Nous $\qquad$ aller à l'université.
3. Tu. $\qquad$ manger au restaurant?
4. On ...... travailler seul.
5. Elles

Qufest-ce qué tu vas taire allavenir?
What are you going to do in the future? flam going to live ...
lamgoing to buy...
Je vais acheter. une grande maison. une Ferrari rouge.
Je vais etre -
célébre
heureuxhheureuse.
Jevais avoir.
cinq enfants.
Je vais aller.
a New York:
en Chine:
Je vais faire du travail bénévole,
á lavenir
dans dix ans:
dans vingt-cinq ans
Ce sera.
cool/fantastique
abroad.
a big house:
a red Ferrari.
lamgoing to be...
famous:
happy:
lam going to have... five children. famgoing to go....
to New York
to China,
$t$ am going to do voluntary work.
in the future
in 10 years.
in 25 years
it will be...
cool/7fantastic:

## Autravail, les robots!

Qu'est-ce que tu as tait hier?
J'ai gardé les enfants.
J'ai joué aux jeux vidêo.
J'aipréparé les repas.
J'ai rangé les chambres.
J'ai travaille dans le jardin.
J'ai fait la vaisselle.
Jai bu un café.
Je suis allé(e) au supermarché.
Je suís resté(e) a la maison.
Je n'al pas aide à la maison.
Je n'ai pas regardé la télé.

## Robots at work

What did you do yesterday?
I. look after the children.

I played video games.
I prepared meals:
Itidied the bedrooms.
I worked in the garden.
I did the washing-up.
I drank a coffee
I went to the supermarket.
I slayed at home.
Ididr't help at home Ididn't watch TV.

Je ne suis pas allé(e) au supermarché.
I didnt go to the supermarket.
hier
d'abord
ensuite
apres
l'aprés-midi
cependant
Cétait:.
yesterday
first of all
then
afterwards
in the aftemoon
thowever
it was.on

## The Future Tense

The future tense is formed with part of the verb Aller and an infinitive:

Aller - to go
Je vais - Iam going
Tu vas - you are going
II / elle/on va- $-\mathrm{He} /$ she / we is (are) going
Nous allons - we are going
Vous allez - you are going (plural / formal)
Ils / ells vont - they are going
For negative verbs ne :... pas forms a sandwich round part of the verb aller,
eg. Il va visiter le musee
(He is going to visit the museum)
Il ne va pas visiter le musée:
(He is not going to visit the museum)



## Y9 German - Autumn Term 1

| 1. Beweg dich! | Move! |
| :--- | :--- |
| Das istsind... | This is |
| dere.... |  |
| der Korper | the body |
| der Kopf | the head |
| der Arm | the arm |
| der Rucken | the back |
| der Bauch | the belly |
| der Po | the bottom |
| der Fuß | the foot |
| die Schulter | the shoulder |
| die Hand | the hand |
| das Bein | the leg |
| das Knie | the knee |
| das Gesicht | the face |
| das Auge | the eye |
| das Ohr | the ear |
| das Kinn | the hin |
| die Nase | the nose |
| der Mund | the mouth |

```
2. Wer ist dein Vorbild?
Warum?
Was macht erlsie?
Wie ist er/sie?
... ist mein Vorbild,
weil er/siee ... ist.
lch liebe ...,
weil er/sie ... ist.
Ich mag.... (nicht),
weil er/sie ... ist:
begabt
berühmt
dynamisch
erfolgreich
Justig
originell
reich
arrogant
nervig
launisch
```

| 3. Irregular <br> Verbs | haben <br> to have | fahren <br> to go | laufen <br> to run | sehen <br> to see | lesen <br> to read | essen <br> to eat | sein <br> to be |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| ich | habe | fahre | laufe | sehe | lese | esse | bin |
| du | hast | fährst | läufst | siehst | liest | isst | bist |
| er/sieles/man | hat | fährt | läuft | sieht | liest | isst | ist |


| 4. The Perfect Tense |  |  |  |
| :---: | :---: | :---: | :---: |
| spielen (to play) |  | fahren (to go) |  |
| lich habe gespielt | I played | ich bin gefahren | I went |
| du hast gespielt | you (sing) played | du bist gefahren | you (sing) went |
| er/sieles/man hat gespielt | he/she/it you played | er/sie/es/man ist gefahren | he/shelityou went |
| wir haben gespielt | we played | wir sind gefahren | we went |
| ithr habt gespielt | you (plural) played | ihr seid gefahren | you (plural) went |
| sie haben gespielt | they played | sie sind gefahren | they went |
| Sie haben gespielt | you (polite) played | Sie sind gefahren | you (polite) went |


| 5. Was hast du in deinem Leben gemacht? | What did you do in your life? |
| :---: | :---: |
| Ich habe .... | 1 (have)... |
| viele Reisen gemacht. | travelled a lot: (literally : done lots of journeys) |
| mit. Kindern gearbeitet: | worked with children. |
| viele Preise gewonnen. | won lots of prizes. |
| viele Länder gesehen. | seen lots of countries, |
| viel Geld verdient. | earned a lot of money. |
| viel trainiert. | trained a lot. |
| Ich bin nach Afrika gefahren. | I went to Africa, (literally: I have driven to Africa) |

[^1]
## Y9 German - Autumn Term 2

1. Was wirst du in der Zukunft machen? In der Zukunft werde ich ... viele Reisen machen viele Länder sehen
ArzUÄrztin werden
in Asien arbeiten
Theaterwissenschaft studieren viel Geld verdienen für eine Hilfsorganisation arbeiten

What will you do in the future?
In the future I will...
travel a lot. (literally: do lots of journeys)
see lots of countries.
become a (male) doctor/(female) doctor:
work in Asia.
study drama.
earn a lot of money. work for an aid organisation.
2. The Future Tense with werden (will)

| Ich | werde | + infinitive <br> ...machen <br> ...sehen <br> ...arbeiten <br> ...fahren <br> :.verdienen |
| :---: | :---: | :---: |
| Du | wirst. |  |
| Er/sie/es/man | wird |  |
| wir | werden |  |
| ihr | werdet |  |
| sie | werden |  |
| sie | werden |  |

3. Was ist passiert?

Ich habe mir (das Bein) verletzt:
Ich habe mir (den Aim) gebrochen.
Ich habe einen Unfall (im Schwimmbad) gehabt. lch bin (vom Rad) gefallen.
Ich bin ins Krankenhaus gekommen.

What happened?
I injured my leg.
1 broke my arm,

I fell (of my bike)
I went to hospital. (literally I came into the hospital)
4. Bist du wild auf Musik?

R\&B-Musik/Jazzmusik
Rap-Musik/Hip-Hop
klassische Musik
Sie klingt positiv/negativ.
Sie ist kitschig / energ legeladen
Sie macht gute Laune.
Was fưr Musik hörst du (nicht) gern?
Ich höre (nicht) gern .... weil sie wo ist/macht:
Mein(e) Lieblingssânger(in) ist
Meine Lieblingsband ist ...
Mein Lieblingslied ist :..

Are you wild about music?
R\&B music / Jazz music
Rap/hip Hop
classical music
It sounds positive/negative.
It is cornyl energetic. (full of energy)
It puts you in a good mood.
What type of music do you not like listening to?
I (don't) like listening to... . because it is/does.,.
My favourite singer is ...
My favourite band is...
My favourite song is.:-

Independent Task: Research German music online:

| The First Worid War |  | Key Words | Definition |
| :---: | :---: | :---: | :---: |
|  |  | Militarism | People taking pride in their armies and wanting to spend money to make it bigger and better. |
| Chronology |  | Alliance | An agreement between countries to support each other in the |
| June 1914 | Murder of Archduke Franz Ferdinand |  |  |
|  |  | Imperialism | The desire to have a big empire and control other countries. |
| 1917 | Russia withdrew from the war and the United States joined the war | Nationalism | To love your country and think that it is superior to others. |
|  |  | Triple Entente | An alliance between Britain, France and Russia. |
|  |  | Triple Alliance | An alliance between Germany, Austria-Hungary and Italy. |
| $\begin{aligned} & \text { July - Nov } \\ & 1916 \end{aligned}$ | The Battle of the Somme <br> Armistice | Black Hand Gang | A gang of Serbian nationalist who wanted Bosnia to become part of Serbia. Carried out the murder of Archduke Franz Ferdinand. |
| $11^{\text {th }}$ Nov 1918 |  | Propaganda | False or misleading information used to spread a certain point of view. |
| Key People | Role |  |  |
| Archduke | Heir to the Austrian throne who was murdered in June 1914 | Pals Battalion | A group of friends or co-workers who enlist to fight the First World War together. |
| Franz <br> Ferdinand |  | Western Front | The area of Northern France and Belgium where British, French and Belgian forces fought Germany in the First World War. |
| Gavrilo | Member of the Black Hand Gang who murdered Franz Ferdinand | Artillery | Large guns that fired shells which were used on the battlefield to destroy trenches. |
| Prin |  | Shell Shock | A nervous condition suffered by some soldiers exposed to the noise and the chaos of battle. |
|  |  | Armistice | The end to fighting a war. |
| General Haig | British General at the Battle of the Somme |  |  |
| Kaiser Wilhelm II | German Kaiser (King) during the First World War |  |  |  |
| Questions <br> -What were th <br> -How was the | e causes of the First World First World War fought? |  |  |  |



## Year 9 Knowledge Organiser REVERSE PERCENTAGES

## Key Concepts

Calculating percentages of an amount without a calculator:
$10 \%$ = divide the value by 10
$1 \%$ = divide the value by 100
Calculating percentages of an amount with a calculator:

Amount $\times$ percentage as a decimal

Calculating percentage increase/decrease:

Amount $\times$ ( $1 \pm$ percentage as a decimal)

## Percentage change:

A dress is reduced in price by $35 \%$ from $£ 80$. What is it's new price?

Value $\times(1$

- percentage as a decimal)
$=80 \times(1-0.35)$
$=\mathrm{E} 52$


## Reverse percentages:

A bag of sweets is $60 \%$ full, with 18 sweets remaining. How many sweets did the bag contain originally?
$=18 \div 0.6$
$=30$

Reverse percentage change: This is when we are trying to find out the original amount.

A pair of trainers cost $£ 35$ in a sale. If there was 20\% off, what was the original price of the trainers?

Value $\div(1-0.20)$
$=35 \div 0.8$
$=£ 43.75$
A vintage car has increased in value by $5 \%$, it is now worth $£ 55,000$. What was it worth originally?

Value $\div(1+0.05)$
$=55,000+1.05$
$=£ 52,380.95$
Examples

M528, U286

Key Words Percent Increase/Decrease Reverse Multiplier Inverse

1a) Decrease $£ 500$ by $6 \%$
b) Increase 70 by $8.5 \%$
2) A camera costs $£ 180$ in a $10 \%$ sale. What was the pre-sale price?
3) The cost of a holiday, including VAT at $20 \%$ is $£ 540$. What is the pre-VAT price?

## Year 9 Knowledge Organiser REPEATED PERCENTAGE CHANGE

## Key Concepts

Calculating percentages of an amount without a calculator:
$10 \%$ = divide the value by 10 $1 \%$ = divide the value by 100

Per annum is often used in monetary questions meaning per year.

Depreciation means that the value of something is going down or reducing.

## Simple interest:

Joe invest $£ 400$ into a bank account that pays $3 \%$ simple interest per annum. Calculate how much money will be in the bank account after 4 years.

$$
\begin{aligned}
3 \% & =£ 4 \times 3 \\
& =£ 12
\end{aligned}
$$

4 years $=£ 12 \times 4$
Interest $=£ 48$
Total in bank account $=£ 400+£ 48$

$$
=£ 448
$$

## Examples

## Compound interest:

Joe invest $£ 400$ into a bank account that pays $3 \%$ compound interest per annum.
Calculate how much money will be in the bank account after 4 years.

Value $\times(1 \pm \text { percentage as a decimal })^{\text {years }}$
$=400 \times(1+0.03)^{4}$
$=400 \times(1.03)^{4}$
$=£ 450.20$


M533, M901, U533, U332

## Key Words

Percent
Depreciate Interest
Annum
Simple
Compound
Multiplier

1) Calculate a) $32 \%$ of 48 b) $18 \%$ of 26
2) Kane invests $£ 350$ into a bank account that pays out simple interest of $6 \%$. How much will be in the bank account after 3 years?
3) Jane invests $£ 670$ into a bank account that pays out $4 \%$ compound interest per annum. How much will be in the bank account after 2 years?

# Year 9 Knowledge Organiser <br> EQUATIONS 

## Key Concepts

## Solving equations:

Working with inverse operations to find the value of a variable.

Rearranging an equation:
Working with inverse operations to isolate a highlighted variable.

In solving and rearranging we undo the operations starting from the last one.

M707, M509, M387, M554, M957, M184


## Examples

Rearrange to make $r$ the subject of the formulae :

$$
\begin{array}{cc} 
& Q=\frac{2 r-7}{3} \\
\times 3 & \\
& 3 Q=2 r-7 \\
+7 & \\
& 3 Q+7=2 r \\
\div 2 & \\
& \frac{3 Q+7}{2}=r
\end{array}
$$

4) Rearrange to make $x$ the subject:
$y=\frac{3 x+4}{2}$

## Year 9 Knowledge Organiser REARRANGING FORMULAE

## Key Concepts

## Rearranging an

equation:
Working with inverse operations to isolate a highlighted variable.

When rearranging we undo the operations starting from the last one.

## Examples

Rearrange to make $r$ the subject of the formulae :

$$
\begin{align*}
& Q=\frac{2 r-7}{3} \\
& \times 3 \quad \times 3 \\
& 3 Q=2 r-7 \\
& 3 Q+7=2 r \\
& \div 2 \quad+2 \\
& \frac{3 Q+7}{2}=r
\end{align*}
$$

Rearrange to make $c$ the subject of the formulae :

$$
2(3 a-c)=5 c+1
$$

expand

$$
6 a-2 c=5 c+1
$$

$$
+2 c
$$

$$
6 \mathrm{a}=7 c+1
$$

$$
-1
$$

$\div 7$
7

$$
\frac{6 a-1}{7}=c
$$

Rearrange to make $a$ the subject of the formulae :

$$
\sqrt{\frac{a c}{b}}=d
$$

square

$$
\frac{a c}{b}=d^{2}
$$

$$
a c=b d^{2}
$$

$$
a=\frac{b d^{2}}{c}
$$

## Sparx

M184, U556

Key Words
Rearrange
Term Inverse

1) Rearrange to make $a$ the subject $r=\frac{5 a+3}{t}$
2) Rearrange to make $m$ the subject $2(2 p+m)=3-5 m$
3) Rearrange to make $x$ the subject $\sqrt{\frac{4 x}{y}}=z$





| Year 9.2-Ks3 Core PE Knowledge Organiser -Principles and Thresholds of Training |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FITT Principles |  |  |  |  |  |  |  |
|  | Principle | Description |  | Worked Examples |  |  |  |
| 1 | Frequency | How often to train. |  | Frequency is increased by training a greater number of times each week. |  |  |  |
| 2 | Intensity | How hard to train. |  | Intensity is increased by lifting a greater resistance, such as with weight training, or by training at a higher percentage of maximum heart rate. This can be done either as continuous or interval training. |  |  |  |
| 3 | Time | How long to train. |  | Time can be manipulated by training for longer, reducing recovery times or by completing a greater number of sets or repetitions (also known as reps). |  |  |  |
| 4 | Type | Which methods of training to use. |  | Type of training is manipulated by offering a variety of training types and experiences to the athlete by combining training methods. |  |  |  |
| Key Vocabulary |  |  |  | Worked e.g. - thresholds of training |  |  |  |
| Heart Rate, Resting Heart Rate, Aerobic, Anaerobic, Endurance, Strength, Plateau |  |  |  | Basic method <br> Max HR x Intensity <br> Example-aerobic training zone for John who is 16 <br> Max HR is 220 -age $(220-16=204) \quad 204 \times 0.6=122.4 \quad 204 \times 0.8=163.2$ aerobic training zone is $\mathbf{1 2 2 - 1 6 3} \mathbf{~ b p m}$ |  |  |  |
| Key Terms Your Turn |  |  |  |  |  |  |  |
|  | Key terms |  | Recall the definitions |  |  |  | Your Turn |
| 1 | Heart Rate (HR) |  | ANAEROBIC training thresholds for.......... |  |  |  |  |
| 2 | Resting Heart Rate (RHR) |  | Yourself and the people who live with you. |  |  |  |  |
| 3 | Maximum Heart Rate (MHR) |  | (Don't forget you need to work out their Max Heart Rate first) |  |  |  |  |
| 4 | Recovery Heart Rate |  |  |  |  |  |  |
| Training thresholds |  |  |  |  |  |  |  |
|  | Key Term |  |  | Definition |  | Key Term | Definition |
| 1. | Aerobic Training Zone |  | 60-80\% of your maximum heart rate. |  | 3 | Muscular Endurance | Low Weight with High Repetitions \& Low Sets |
| 2 | Anaerobic Training Zone |  | 80-90\% of your maximum heart rate. |  | 4 | Muscular Strength | High Weight with Low Repetitions \& High Sets |

Suffering
(Mat thew 5:21). God will malke this judgement.
Christians try to heal the wrong that has been done as lesus taught to love and respect each other:

## Treatment of Criminals.

 individual and society will benefit. Christians focus on positives sanctions that help offenders change their ways, Under Shariah law (Muslim countries follow) the severity of the punishment depends on the seriousness of the crime
committed.

## Forgiveness

Christians and Muslims believe that forgiveness is important for a living a peaceful life. They do not think it is a
replacement for punishment. If the aim of punishment is to reform, the punishment should benefit the offender. When
Jesus was being crucified, Jesus forgave those who crucified him. God expects Christians to show forgiveness to others,
in turn they believe God will forgive them for any sins they may commit: Muslims believe only God can truly forgive
and will forgive those he knows are truly sorry and intend to follow the faith properly in the future.
KEY TERMS

| KEY TERMS |  |
| :--- | :--- |
| Crime | Breaking the law, which is punishable. |
| Punishment | Something legally done to somebody as a result of being found guilty of breaking the <br> law. |
| Evil | The opposite of good; a force or the personification of a negative power. E.g. the devil |
| Hate Crime | Crimes often involving violence that are usually targeted at a person because of their <br> race, religion, sexuality, disability or gender. Jesus taught to 'Love your neighbour.' This <br> means to show compassion, care and respect to all. Christians believe God created all <br> humans with equal value |
| Sanctity of life | All life is holy as it is created and loved by God; Christians believe human life should not <br> be misused or abused. |
| Free Will | The ability of people to make decisions for themselves without constraint |
| Forgiveness | Showing mercy and pardoning someone for what they have done wrong. |
| Justice | Making things fair again. <br> Sin <br> 1. Any action or thought that separates humans from God <br> 2. Behaviour which is against God's laws and wishes or against principles of morality |
| Corporal <br> Punishment | Punishment of an offender by causing them physical pain - now illegal in the UK. |
| "There is neither Jew nor Gentile, slave nor free, male nor female, for you are all one in Christ Jesus." |  |
| (Galatians 3:28) Shows equality. |  |

What is the original $\sin$ ? How does this link to beliefs about evil? Do you think is it ever ısnịun ue yearq ol $\downarrow$ 니! law?
Imagine living in a country without any laws; What would life be like?
How would religious believers answer the question: Why does God allow people to suffer?

## ןeכ!̣dosol!чd əu। <br>   promotes maximum әप7 dof ssəuịddey maximum number of people affected by it.

## Practice task

'Nobody should expect to be forgiven more than once.' Write an argument to agree and disagree with the statement. How would a Christian respond?
 personal. 'it'
Different gods/goddesses. Show one side of Brahman.
God with no shape/form, non-personal.
God(s) with shape/form, the deities like Ganesha.
The Divine is beyond the universe, not within it:
The soul inside all living beings.
As the deities, Saguna Brahman, gods can
 can develop. the body does.

## The three main Hindu deities.

The female side of the divine.
The festival of Spring; and of colours.
It remembers Krishhna's fun loving side, with children throwing paint powder. This is also a reminder all are equal,
It also remembers the evil Holika being
burned to death, defeated by her
nephew Prahlad. Bonfires celebrate her
destruction.
Key quotes on deities:

| $\pi$ |
| :---: |
| 0 |
| 0 |
| 0 |
| 0 |
| 3 |
| 0 |
| $\frac{5}{2}$ |
| 3 |
| $\frac{1}{5}$ |
| 0 |
| 0 |
| 0 |
| $\frac{5}{5}$ |
| $\frac{5}{5}$ |
| 0 | fights and overcomes evil; but Krishna is also sh

Key quotes on the divine:
Svetaketu - his father used salt in a glass of water to help him understand God is everywhere, but unseen. A seed helped him understand the idea of atman inside all living things: Unseen, $\square$ but there within.

| Key Terms | Definitions |
| :---: | :---: |
| Divine | God/gods. |
| Brahman | The overall God, the supreme being. Nonpersonal. 'it' |
| Deities | Different gods/goddesses. Show one side of Brahman. |
| Nirguna Brahman | God with no shape/form, non-personal. |
| Saguna Brahman | God(s) with shape/form, the deities like Ganesha. |
| Beyond | The Divine is beyond the universe, not within it. |
| Non-personal | Brahman is everywhere, not a single being to have a relationship with. |
| Personal | As the deities, Saguna Brahman, gods can be pictured and worshipped, a relationship can develop. |
| Atman | The soul inside all living beings. |
| Soul | Spiritual, not physical, does not die when the body does. |
| Trimurti | The three main Hindu deities. |
| Shakti | The female side of the divine. |
| Avatàra | The idea that Vishnu comes down to earth to help humans. |
| Diwali / Divali | The Hindu festival of light. |
| Holi | The Hindu festival of Spring, and of colours. |
| Svetaketu | A confused little boy. |
| Upanishads | Hindu Scriptures. |
| Key quotes on the divine: <br> "How many gods are there? Three and three hundred, three and three thousand." <br> "But really... how many gods are there? One." (Upanishads) Hindus believe in both one God (Brahman) and many deities. |  |


| Religious Studies: Hinduism Beliefs and TeachingS |
| :--- |
| How do Hindus see the universe? |
| A cluster of bubbles float in space, each one contains a universe. In each universe there is an |
| upper realm of heavens, an earthly realm and a lower, unpleasant realm. In a new life we might |
| be reborn in a different realm. |
| The world is made up of spirit (purusa), which can't be seen or touched, and matter (prakriti) <br> which can be experienced through the senses. Some Hindus see both as working together, <br> others say the spirit is more important. At enlightenment matter is seen as an illusion (maya) - <br> just as a coiled rope can be mistaken for a snake, so we worry about material things that are <br> only temporary. No material thing last forever, matter goes through three stages, the tri-guna, <br> it is created, maintained or looked after and will be destroyed. |

How do Hindus see time?
Universes go through a cycle of 4 ages, the 4 yugas. Gold is the longest lasting, and the best,
Then there is the age of silver, the age of copper and finally, shortest and most corrupt, the age
of iron. We are living in the age of iron. At the end of this age (in about 427000 years!) Kalki,
the tenth and final avatar of Vishnu, will come and destroy the evil, allowing a new universe to
be created and the process start again.
Key quotes on the Atman/soul:
"The self is hidden in all beings." (Upanishads)
"All this universe is in truth Brahman. He is the beginning and the
end and the life of all." (Upanishads)

| Key quotes on Brahman: |
| :---: |
| "He moves, and he moves not. He is far and he is near. He is within all and he is outside all." |


| Key terms | Definitions |
| :--- | :--- |
| Cosmology | Ideas about the universe. |
| Cosmos | The universe. |
| Prakriti | Matter. <br> Physical, material, experienced <br> through the senses. Will not last <br> forever. |
| Matter | Three stages of matter: creation, <br> maintenance, destruction. |
| Tri-guna | Links to the Atman, can't be <br> experienced physically. Purusa $=$ <br> Spirit. |
| "who truly knows... whence comes this creation?" (Rg Veda 10) |  |
| Hindus say there is a lot we don't know about the cosmos. |  |



membrane, requiring energy.

Year 9 Topic 1 - Chemistry
Knowledge Organiser Tier 2 Vocabulary Filter亮 Symbol

Conservation
Tier 3 Vocabulary
Proton Neutron Electron

Atomic mass
 Electron shell Periodic Table Ion

Chromatography Distillation

Crystallisation
Soluble - Something that will dissolve.
 'ә시ossip ziou Solvent - A substance that will

 dissolved.


Atom - The smallest reacting particle.
Element - One type of atom.
Compound - Two or more different atoms chemically joined together. Mixture - Two or more different substances not chemically joined.
J.J. Thompson - Plum Pudding Model (ball of positive charge


Rutherford - Gold scattering experiment identified a solid
nucleus with electrons around it Bohr - Placed electrons in shells around the positive nucleus.

Chadwick - Discovered neutrons in the nucleus.


| Burning fossil fuels <br> cause the following <br> problems: <br> Carbon dioxide - <br> Climate <br> change/Global <br> warming <br> Sulfur dioxide - Acid <br> rain, toxic to plants <br> and animals |
| :--- |
| Nitrogen oxides - <br> Acid rain, smog, toxic <br> to plants and animals |

ENERGYSOURCES
Year 9 Topic 1 - Energy Knowledge Organiser
kinetic energy, $E_{k}=\frac{1}{2} \times \quad$ mass, $m \quad x \quad s p e e d ~_{2}^{2}, v^{2}$
(joules, $d$ )
(klograms, kg)

| change of <br> gravitational <br> potential <br> energy store, $\Delta E_{\mathrm{p}}$ <br> (joules, J$)$$\quad$mass, $m$ <br> (kllograms, kg )$\times$ | gravitationalfield strength, $g$(newtons perkilogram, $N / \mathrm{kg}$ )change of <br> height, $\Delta h$ <br> $\left(\right.$ metres, $\left.^{2}\right)$ |
| :---: | :---: |
| For any device that transfers energy:$\text { efficiency }=\frac{\text { useful output energy transferred by the device }(\mathrm{J})}{\text { total input energy supplied to the device }(\mathrm{J})}$ |  |
| $\begin{gathered} \text { work done, } \mathrm{W}=\text { force applied, } \mathrm{F} \times \\ \text { (joules, J) } \quad \text { (newtons, } \mathrm{N} \text { ) } \end{gathered}$ | distance moved along the line of action of the force, $s$ <br> (metres, m) |

## әлеч I!!М рәәds ло ssem <br> more kinetic energy.

Objects with greater


| Tier 2 Keywords |  |
| :--- | :--- |
| Chemical | Movement |
| Heat | Height |
| System | Light |
| Work |  |



|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |

Objects with greater mass or more height will have miore gravitational potential energy.
léwill alfo mincrase in placees with more gravity:

kinetic
gravitational
energy an object has because it is
moying
 height above the grouad
 stretched or compressed
 temperature (the total kinetic and potentialenergy of the particles in the object)

> energy that can be transferred by chemical reactions involving foods, fuels, and the chemicals in batteries erergy stored in the nucleus of an
energy a magnetic object has when it play ว energy a charged object has when near another charged object

| kinetic | energy an object has because it is moying |
| :---: | :---: |
| gravitational potential | energy an object has because of its height above the grouad |
| elastic potential | energy anelastic object has when it is stretched or compressed |
| thermal (or internal) | energy an object has because of its temperature (the total kinetic and potentialenergy of the particles in the object) |
| chemical | energy that can betransferred by chemical reactions involving foods, fuels, and the chemicals in batteries |
| nuclear | energy stored in the nucleus of an atom |
| magnetic | energy a magnetic object has when it is near a.magnet orin a magnetic field. |
| electrostatic | energy a charged object has when near another charged object |


| ¿Qué cosas te gustan/no te gustan? | What things do you like/not like? | ¿Cómo vas a celebrar tu cumpleaños? | How are you going to celebrate your birthday? |
| :---: | :---: | :---: | :---: |
| Me gusta(n) (mucho)... | 1 (really) like... |  |  |
| Me encanta(n)/Me chifla(n) | Ilove... |  |  |
| No me gusta(n) (nada)... | 1 (really) don't like... | Mañana | Tomorrow |
| Odio... | I hate... | La semana que viene | Next week |
| el deporte/el 'dibujo | sportart |  |  |
| el racismola violencia | racism/violence | El fin de semana que viene: | Next weekend |
| la música/la tele | musiciTV |  |  |
| los insectos | animals/inseets | El mes que viene | Next month |
| los videojuegos. | videogames | El nueve de febrero | On February 9th |
| las artes matciales | martial arts. |  |  |
| ¿Qué tipo de película te gusta? | What type of film do you like? | hacerkarting | do go-karting |
|  |  | ir a la bolera. | go bowling |
| las comedias | comedies | ir a un parque de atracciones | go to a themee park |
| las películas de accion | action films |  |  |
| las peliculas de ánimaciôn | animated fiflms | pasar la noche en casa con mis amigos/as | have a sleepover |
| las películas de aventurás | adventure films |  |  |
| las peliculas de ciencia ficciôn | sci-fifilims |  |  |
|  |  | sacar muchas fotos | take lots of phôtós: |
| las películas de fantasia | fantasy films | jugar al paintball | play paintball |
| las películas de terror | horror films | Vamos a... | We're going to... |
| las peliculas de superherroes | superhero filims | montar en una |  |
| Mi película favorita es;... | My favourite film is.... | montaña rusa | rollercoaster |
| Miactor/actriz favorito/a es... | My favourite actor/actress is: | ver peliculas de terror | watch horror films |
|  |  | ¡Va a ser genial! |  |



| Key spellings 1 |  |
| :---: | :---: |
| Learn these spellings, they will be really useful for this unit and you will be tested on them. |  |
| 1. a menudo | often. |
| 2. voy al polideportivo: | I go to the sports centre |
| 3. monto en bici | I ride my bike |
| 4. voy a ir a la bolera | I'm going to go bowling |
| 5. las peliculas de terror | horror films |
| ¿Cómo organizas tu semana? | How do you organise your week? |
| Los lunes, martes, miêrcoles, jueves, viernes. | On Mondays, Tue, Wed Thur Fri... |
| Los fines de semana. | At the weekend... |
| Después del insti(tuto) | After school... |
| escribo canciones | I write songs |
| juego en mi consola | 1 Iplay with my console |
| cocino para mi fámilia | 1 cook for my family |
| bailo Zúmba | I.dance Zumba |
| monto en bici | I ride my bike |
| leo libros/cómics | Iread books/comics |
| toco la guitarra/el teclado | I play the guitar keyboard |
| veo un partido de futbol | I watch a football match |
| hagö judo.nataciôn | I do judo/swimming: |
| voy al parque | 1 go to the park |
| voy al polideportivo | 1 go to the sports centre |
| soy miembro de un. clublequipo. | Ima member of a club/team |
| ¿Con qué frecuencia? | How often? |
| (casi) todos los dias | (almost) every day |
| a menudo | often |
| dos so tres veces a la semana | 2 2 or 3 times a week |
| aveces | sometimes |
| una vez a la semana | once aweek |
| siempre | always |
| todos los.fines de semana | every weekend |
| una vez al mes | once a month |
| dos veces al mes | twice a month |
| los domingos por tarde | on Sunday evenings |
| los sâbados por la mañana | on Saturday mornings |


Y9 Autumn Term Knowledge Organiser

| ¿Qué te gustaria hacer? | What would you like to do? |
| :---: | :---: |
| Me gustaría... | I would like to... |
| No me gustaría... | 1 wouldn't like to. |
| trabajar en el aire libre | work outside |
| trabajar con animales iniños | work with animals/kids |
| trabajar en equipol sólola | work in a team/alone |
| trabajar en una oficina | work in an office |
| hacer un trabajo creativo/manual | do a creative manual job |
| Por eso, me gustaria ser... | For this reason, I would like to be ... |
| cantante/periodista | a singer/journalist |
| enfermerola/mecánicola | a nurse/mechanic |
| policia/veterinario/a | a police officer/vet |
| profesor(a) diseñadori(a) | a teacher/designer | Key spellings 2


| ¿Qué tipo de persona <br> eres? | What type of person <br> are you? |
| :--- | :--- |
| En mi opinión, soy... | In my opinion, I am... |
| Creo que soy... | I think that l am... |
| muybastante : | very/quite |
| ambiciosolad | ambitious |
| practico/a | practical |
| organizadala | organised |
| trabajadorla) | hard-working |
| hablädor(a) | chatty |
| independiente | independent |
| inteligente | Intelligent |
| paciente | patient |
| sociable | sociable |
| responsable | responsible |


| ¿Qué tal ayer en el trabajo? | How was work yesterday? |
| :---: | :---: |
| Por la mañana/Por la. tarde... | In the morning/afternoon |
| A la hora de comer | At lunchtime |
| bebil una botella de cóca | I drank a bottle of Coke |
| comi una hámburguesa | 1 ate a hamburget |
| dormi un poco | 1 slept a bit |
| escuché música | 1 listened to mus |
| escribi SMS | IWrote texts |
| háblé por Skype | 1 Ispoke on Skype |
| jugué a un videojuego | 1 played a videogame |
| llegue é tarde al trabajo. | 1 arrived late to work |
| perdi mi trabajo | Mlost my job |

Key grammar - The preterite tense (regular verbs) Use the preterite to talk about past actions (I went, I ate, I swam). To form it: 1 . Remove the infinitive AR/ER/IR ending.
To eat/To climb
late/climbed


| 0 |
| :---: |
| 0 |
| $\frac{0}{5}$ |
| $\frac{5}{0}$ |
| $\frac{9}{c}$ |
| 0 |
| 0 |
| 3 |

you pl. ate/climbed \begin{tabular}{|l|l|l|l|}
\hline bailaron \& they danced \& comieron/subieron \& they ate climbed

 

\hline \multicolumn{1}{|c|}{ ¿Cómo es un día típico? } \& \multicolumn{1}{c|}{ What's a typical day like? } <br>
\hline escribo correos \& I write emails <br>
\hline hago reservas/entrevistäs \& I do reservations/interviews <br>
\hline organizo excursiones \& I organise trips <br>
\hline preparo el programa \& I prepare the program <br>
\hline trabajo con mi equipo \& I work with my team <br>
\hline víajo mucho \& I travela lot <br>
\hline voy a la oficina \& I go to the office <br>
\hline hablo inglés y espanol \& I speak English and Spanish <br>
\hline
\end{tabular}




Working Drawing


|  |  |  |  |  |  | 量 울 <br> 움䯧旨 ？ ※．ㅇ號踪若邁高皆＂ <br>  은 <br>  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\left.\begin{array}{\|c} \frac{5}{5} \\ \frac{5}{0} \\ 0 \end{array} \right\rvert\,$ | ! |  |  |  |  | $\begin{aligned} & \frac{5}{2} \\ & \stackrel{n}{n} \\ & \frac{\pi}{n} \end{aligned}$ |








Mechanical Devices
\& Forces


Name the four movements:
Describe the function of pivots in linkages.
3. What force is used when cutting with scissor?

There are four types of movements: Change or movement of an object over time. Motion is described in terms of displacement, distance, velocity, acceleration, time and speed.

## 1

Linear
 back and forwards.

A swinging
movement.



Reciprocating
Oscillating

Theme: Sexual health, ST/s, pregnancy,
contraception and genitals
Organisation: Brook
Website: www.brook, org.uk
Theme: Sexual health, STIs and contraception
Organisation: Young \& Free/Terrence Higgins
Trust
Website: https//youngandfree org.uk/
Theme: Healthy Lifestyle, balanced diet and
exercise
Organisation: NHS Better Health
Website: www.nhs. uk/better-health/
Theme: Heaith, Wellness and Mental Health
Organisation: NHS
Phone: 111


[^0]:    $$
    \text { you arink } 6-8 \text { glasses or watera day. }
    $$

[^1]:    Independent Task: Research a famous person. What have they done during their life?

