



MAYVILLE HIGH SCHOOL

Founded in 1897

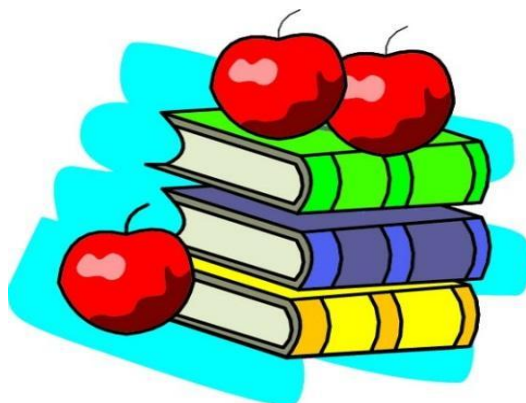
Name:

Year: UIV

Getting organised for school exams Summer Term 2021

W/B Monday 17th May

Exams will be held in normal lessons during the week



Useful Revision websites

<https://www.senecalearning.com>

www.bbc.co.uk/revision

www.bbc.co.uk/schools/bitesize

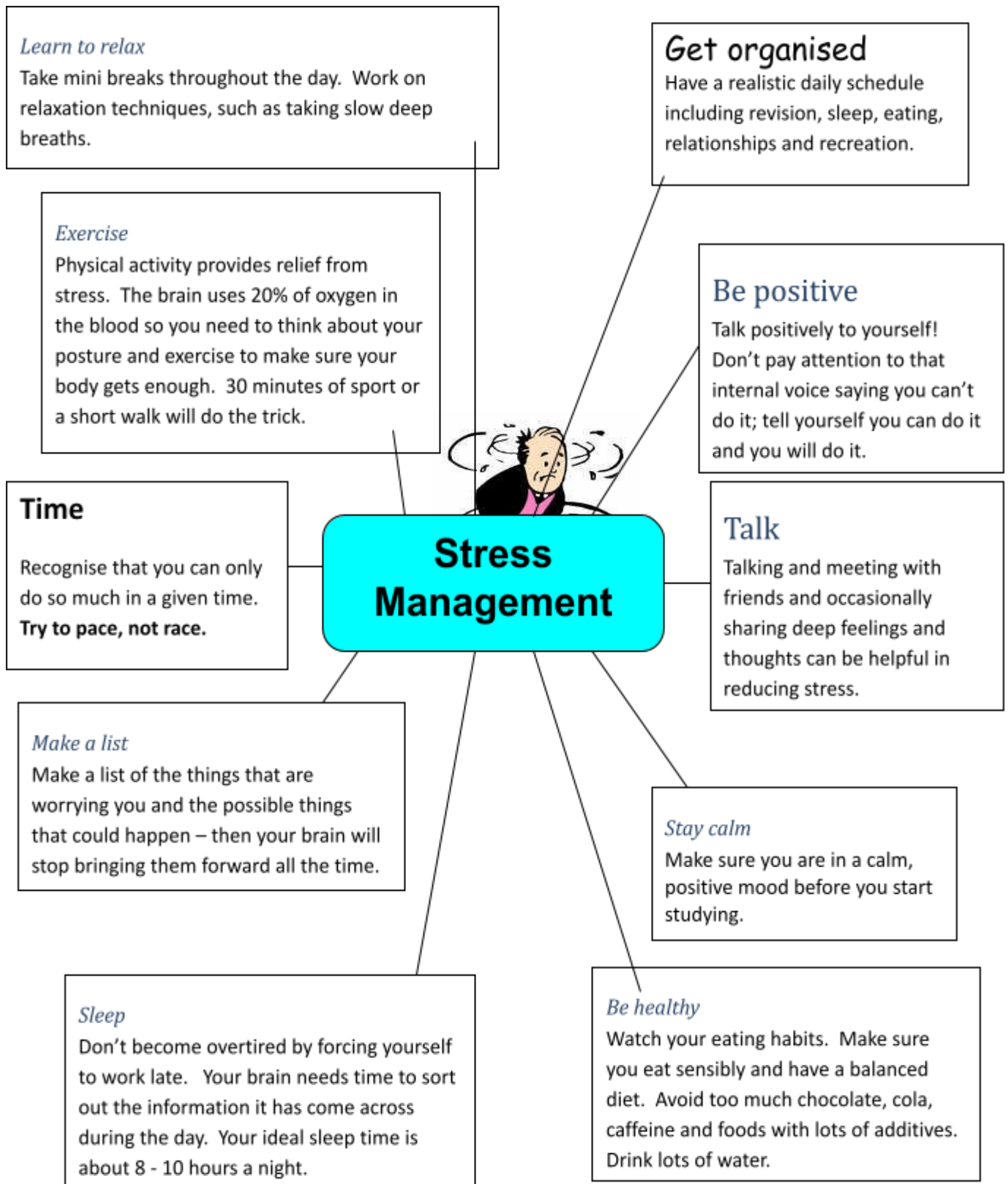
<https://www.kerboodle.com/users/login>

<https://www.mymaths.co.uk/>

<https://www.dr frostmaths.com/>



Exams



Remember you can always talk to your Form Tutor, Ms Reid, Mr Morriss, Mrs Rickards if you need any support.

Revision planning sheet for English 2021



- Exam Time:** 1 hour 45 minutes (Split over three lessons)
- Equipment needed:** School equipment in pencil case.
- Websites:** BBC GCSE Bitesize English Language has good examples of the type of question you can expect to answer.
- Type of Questions:**
- READING: You will read a short extract from a novel. You will then need to answer four questions about the text based upon the following skills: comprehension, language analysis, analysis of structure and evaluation.
- WRITING: You will be asked to write a description or story based on a picture.

| Question type: | What do I need to do? |
|--|---|
| List | Select and write down short, relevant details from the extract. |
| How does the writer use language? | Choose some good examples of words/short phrases from the extract. Explain what makes these effective. How does it make the reader feel? |
| How does the writer structure the piece? | Think about how the piece starts, develops and ends. Are there any patterns in the way it is written? How is time used (ie flashbacks, told in order...)? |
| What is your personal response to the piece? | You will need to present your ideas in response to the extract. This is a longer answer so it is a good idea to create a short plan. Use short, relevant quotes to support your ideas. |
| Write a description/story | You need to plan for this. Try planning by responding to the image with a mindmap of the senses. If you are writing a story plan how you would like your piece to start and finish. How will the main idea develop? You should also plan the structure – what will go into each paragraph? Will you use flashbacks or tell your tale in chronological order? |

UIV MATHEMATICS Revision 2021



Exam Time: 1 hour (plus extra time) split between 2 lessons

Equipment Needed: Pen, pencil, ruler, calculator, protractor & compass.

The best way to revise maths is to work through questions from MyMaths or from your exercise books. You can also access questions on websites such as CorbettMaths.com.

What I need to revise

UIVG1 (JWIL) and UIVB1 (LA)

| Topic | I can do | I need to revise |
|-------------------------------|-----------------|-------------------------|
| Reciprocals | | |
| Indices | | |
| Standard Form | | |
| Surds | | |
| Sequences | | |
| Expanding Brackets | | |
| Factorising | | |
| Fractions | | |
| Decimals | | |
| Rounding | | |
| Factors, Multiples and Primes | | |
| Types of Data | | |
| Averages | | |
| Box Plots | | |
| Cumulative Frequency Diagrams | | |
| Histograms | | |

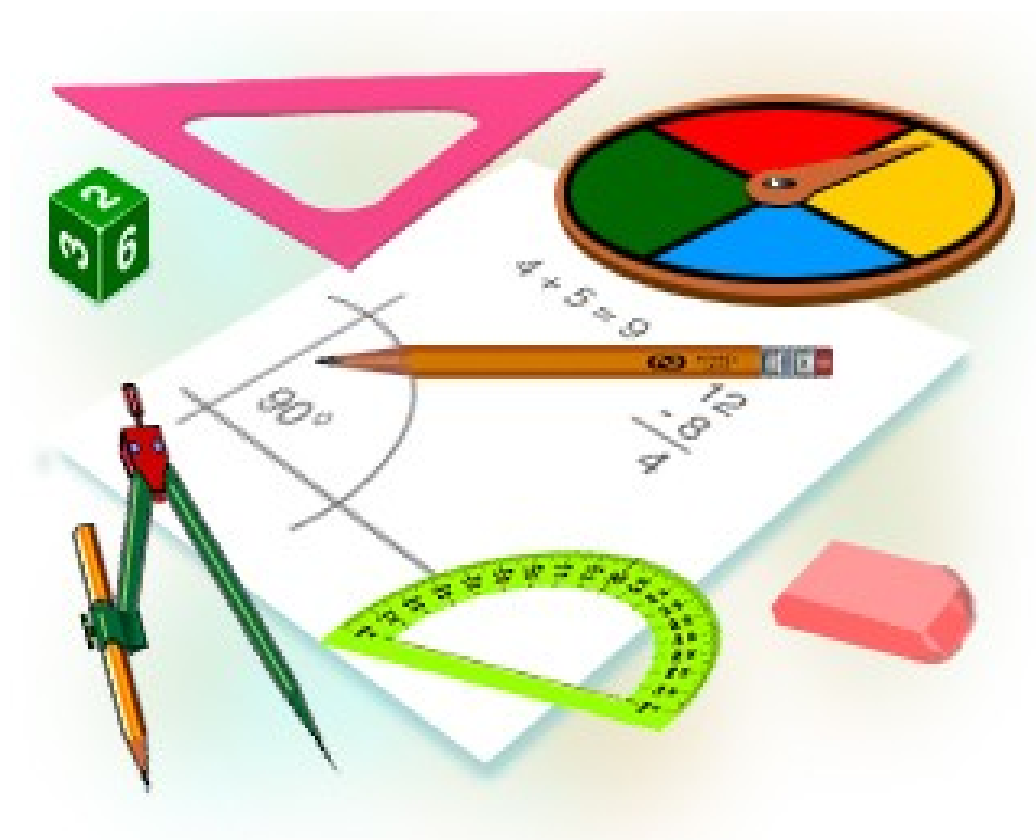
| Topic | I can do | I need to revise |
|---|----------|------------------|
| Integers and place value <ul style="list-style-type: none"> understand and use integers (positive, negative and zero) understand place value use directed numbers in practical situations order integers use the four rules of addition, subtraction, multiplication and division use brackets and the hierarchy of operations round integers to a given power of 10 | | |
| Decimals <ul style="list-style-type: none"> use decimal notation understand place value order decimals convert a decimal to a fraction or percentage recognise that a terminating decimal is a fraction round to a given number of significant figures or decimal places identify upper and lower bounds where values are given to a degree of accuracy use estimation to evaluate approximations to numerical calculations use a scientific electronic calculator to determine numerical results | | |
| Special numbers and powers <ul style="list-style-type: none"> use the terms 'odd', 'even', 'prime numbers', 'factors' and 'multiples' identify prime factors, common factors and common multiples identify square numbers and cube numbers calculate squares, square roots, cubes and cube roots express integers as product of powers of prime factors find highest common factors (HCF) and lowest common multiples (LCM) | | |
| Fractions <ul style="list-style-type: none"> understand and use equivalent fractions, simplifying a fraction by cancelling common factors understand and use mixed numbers and vulgar fractions identify common denominators order fractions and calculate a given fraction of a given quantity express a given number as a fraction of another number convert a fraction to a decimal or percentage | | |
| Percentages <ul style="list-style-type: none"> understand that 'percentage' means 'number of parts per 100' express a given number as a percentage of another number express a percentage as a fraction and as a decimal understand the multiplicative nature of percentages | | |

| | | |
|---|--|--|
| as operators <ul style="list-style-type: none"> • solve simple percentage problems, including percentage increase and decrease • use reverse percentages • use compound interest and depreciation | | |
| Ratio and proportion <ul style="list-style-type: none"> • use ratio notation, including reduction to its simplest form and its various links to fraction notation • divide a quantity in a given ratio or ratios • use the process of proportionality to evaluate unknown quantities • calculate an unknown quantity from quantities that vary in direct proportion • solve word problems about ratio and proportion • use and apply number in everyday personal, domestic or community life • carry out calculations using standard units of mass, length, area, volume and capacity • understand and carry out calculations using time, and carry out calculations using money, including converting between currencies | | |
| Arithmetic of fractions <ul style="list-style-type: none"> • use ratio notation, including reduction to its simplest form and its various links to fraction notation • divide a quantity in a given ratio or ratios • use the process of proportionality to evaluate unknown quantities • calculate an unknown quantity from quantities that vary in direct proportion • solve word problems about ratio and proportion • use and apply number in everyday personal, domestic or community life • carry out calculations using standard units of mass, length, area, volume and capacity • understand and carry out calculations using time, and carry out calculations using money, including converting between currencies | | |
| Sequences <ul style="list-style-type: none"> • generate terms of a sequence using term-to-term and position-to-term definitions of the sequence • find subsequent terms of an integer sequence and the rule for generating it • use linear expressions to describe the nth term of arithmetic sequences | | |

UIVB2 (GR)

| Topic | I can do | I need to revise |
|--|----------|------------------|
| Rules of addition, subtraction, multiplication & division including BIDMAS | | |
| Negative Numbers | | |
| Rounding | | |

| | | |
|--|--|--|
| Decimals | | |
| Factors, Multiples & Primes | | |
| Laws of Indices | | |
| Algebra: collecting like terms, expanding brackets & factorising | | |
| Algebraic substitution | | |
| Angle facts, including parallel lines & polygons | | |
| Properties of quadrilaterals | | |
| Symmetry | | |
| Sequences | | |



UIV SCIENCE Revision 2021

Exam Time: 30 minutes each of Biology, Chemistry, Physics & Working scientifically in their normal science lessons.

Equipment needed: School equipment in pencil case
plus a calculator.

Type of Questions: A mixture of multi choice, calculations, data analysis, graphs and explain/describe using extended writing.

Resources to Revise: Kerboodle, Revision guides and class notes for Biology, Chemistry and Physics including the 'Science keywords'

- The exams will have questions assessing all the Biology, Chemistry and Physics covered so far.
- The WS exam will be assessing the skills & understanding of scientific investigations.

Revision Tips:



Revision cards

Summary bullet points

Mind maps

Labelling diagrams

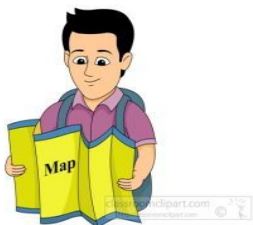
Learn Key Words



UIV Science Revision Topics

| Chapters to revise | 1st | 2nd | 3rd |
|--|-----|-----|-----|
| Biology: B1 - Cell structure and transport B2 - Cell division B3 - Organization & the digestive system | | | |
| Chemistry: C1 - Atomic structure C2 - Periodic table C3 - Structure & bonding | | | |
| Physics: P1 - Conservation & dissipation of energy P2 - Energy transfer by heating P3 - Energy resources | | | |
| Working Scientifically: - Calculating averages - Graph drawing - Variables - Compound units - Using models - Spotting anomalies - Evaluating data | | | |
| Science keywords for practicals | | | |

| Some important Keywords | Definition: |
|-------------------------|-------------|
| Independent variable | |
| Dependent variable | |
| Control variable | |
| Categoric variable | |
| Continuous variable | |
| Repeatable | |
| Reproducible | |
| Range | |
| Precision | |



UIV Revision Geography 2021



Length of exam: 1 hour (plus extra time, completed over two lessons).

Equipment needed: Pencil case, pen, ruler, pencil, rubber and colouring pencils.

Type of questions: Definitions of keywords, short answers, several extended answer questions.

Revision:

<https://www.bbc.com/bitesize/subjects/zrw76sg>

You may also like to use the KS3 Geography textbook which is available on Kerboodle to help with your revision.

Revision tips:

- Learn the meanings of **keywords**.
- Learn the **key ideas**.
- Learn **examples** to back up your ideas.
- You may like to **make mind maps** and **flash cards** to help you to learn the information.

Here are some KEYWORDS that you need to know:

| Key word | Meaning |
|---|---------|
| Sustainable | |
| Climate change | |
| Global warming | |
| Greenhouse effect | |
| Greenhouse gases | |
| Agriculture | |
| Deforestation | |
| Fossil fuels | |
| Orbital changes (related to climate change) | |
| Tectonic hazard | |
| Tectonic plate | |
| Destructive plate margin | |

| | |
|---------------------------|--|
| Constructive plate margin | |
| Conservative plate margin | |
| Collision plate margin | |
| Epicentre | |
| Focus | |
| Richter scale | |
| Magnitude | |
| Mercalli scale | |

Revision Checklist

Go through each topic and RAG your understanding of each part.

| Topics to revise | | Red (not confident) | Amber (a bit unsure) | Green (I get this) |
|------------------|---|---------------------|----------------------|--------------------|
| 1 | Plastic in the oceans. | | | |
| | Evidence for recent climate change. | | | |
| | Causes of climate change - natural and human. | | | |
| | Effects of climate change. | | | |
| | What can be done about climate change? | | | |
| | The growth of global tourism. | | | |
| | Benefits and problems of mass tourism. | | | |
| | Sustainable tourism at Feynan Ecolodge, Jordan. | | | |
| | Wilderness areas under threat. | | | |
| | The geography of conflict zones. | | | |
| 2 | What are natural hazards? | | | |
| | Distribution of earthquakes and volcanoes. | | | |
| | What happens at the 4 different plate margins? | | | |
| | Volcanoes - types, characteristics, effects and responses. | | | |
| | Why do people live near volcanoes? | | | |
| | An example of an earthquake (either China or New Zealand), causes, effects and factors that made it so devastating. | | | |
| | China and New Zealand earthquakes compared. | | | |
| | Reducing the risk from tectonic hazards. | | | |
| | What causes tsunamis? | | | |

UIV RE REVISION GUIDE 2021

- Length of exam:** 1 hour (completed over two lessons) plus extra time
- Equipment needed:** Pen, ruler, pencil, and colours.
- Type of questions:** Definitions of keywords, underline the correct answers, label items and explain their significance, give reasons, offer explanations on different perspectives and beliefs and complete several longer extended answer questions.
- Revision:** Class exercise book and record of work from chrome classroom.
Revision materials in google classroom , film clips and assorted additional materials .
- Revision Tips:** Know the meaning of keywords or significance of key people.
Offer explanation for religious activities and symbolism in Judaism eg. the items used in Pesach. Be able to give explanations and make reflections on different perspectives /issues.
- Use the tick sheet to record what you don't feel confident about, what you are a little unsure about and finally what you feel you are confident about . RED-AMBER-GREEN

KEY WORDS:

Here are some keywords that you need to know:

| Key word | Definitions/descriptions/meaning |
|------------------|----------------------------------|
| symbolism | |
| covenant | |
| Abraham | |
| Moses | |
| sacrifice | |
| synagogue | |
| festivals | |
| worship | |
| social injustice | |
| holocaust/shoah | |
| prejudice | |
| discrimination | |
| dignity | |
| Human Rights | |

| | |
|------------------|--|
| charity | |
| Sanctity of life | |
| Quality of life | |

What to revise

| Topics to revise-Judaism belief and practice | RED Tick | AmberTick | GreenTick |
|--|----------|-----------|-----------|
| The importance of Abraham and Moses | | | |
| The special covenant with G_D | | | |
| The sacrifice of Isaac | | | |
| Jewish Festivals: Shabbat, Rosh Hashanah, Yom Kippur, Purim, Shavuot, Pesach/sukkot | | | |
| Ethical issues | | | |
| Persecution/genocide/holocaust | | | |
| Prejudice | | | |
| Be able to describe and explain your point of view | | | |
| The importance of Human Rights | | | |
| Visions and Viewpoints | | | |
| For and against arguments, Be able to give secular and religious viewpoints on a variety of ethical issues: | | | |
| Abortion , Pro choice/pro life , religious teachings and secular thinking. | | | |
| Euthanasia | | | |
| Human Rights | | | |
| Ethical choices in films viewed: Selma, My Sister's Keeper, Hotel Rwanda | | | |
| Social injustice. Know the work of religious charities and teachings studied. | | | |
| Make sure you have a useful bank of phrases to use for explanation. | | | |
| Make sure you have a sound spelling of key terms and religions | | | |
| A key idea this year has been perspectives so try to list different points of view using your knowledge as part of your revision. | | | |
| Another important skill has been reflection where you have been asked to give your own thoughts to situations under discussion. Make sure you can offer opinions clearly with supporting facts. | | | |

Upper IV History revision 2021



- Length of exam:** 45 minutes including extra time
- Equipment needed:** Pencil case, pen and ruler.
- Type of questions:** Multiple choice, source based questions and structured essay style questions.
- Revision:** Class exercise book and internet resources.
- Revision tips:** Learn the meanings of **keywords** e.g. Censorship
Learn the **key ideas** like democracy and dictatorship.
Learn **examples** to back up your ideas.
- KEY WORDS:** Here are some key words that you need to know:

| Key word | Meaning |
|------------------------|---------|
| Treaties | |
| Versailles | |
| Economy | |
| Censorship | |
| Empire | |
| Alliances | |
| Conscientious objector | |
| Clemenceau | |
| Freedoms | |
| Communist | |

□

What I need to revise

| Topics : | Tick 1 | Tick 2 | Tick 3 |
|---|--------|--------|--------|
| Britain and the world in 1900 | | | |
| How did countries try to avoid more wars? | | | |
| The rise of the USA. | | | |
| Democracy and Dictatorship? | | | |
| Types of dictatorship: communism and fascism. | | | |
| Adolf Hitler: early life. | | | |

UIV French Revision 2021

Exam Time: 2 x 45 mins including extra time

Equipment needed: School equipment in pencil case.

Type of Questions: **READING:** Reading comprehension questions on the topics of 'My identity' (personality, relationships, music, clothes), describing a recent date/outing and healthy living.

WRITING: You will have to produce an extended writing about yourself using the topics of personality, relationships, music, clothes, a recent outing and healthy living. You will need to write in full sentences.

Resources to Revise: Vocabulary folder

www.linguascope.com

Revision Tips: Revision cards

Learn Key Words and set phrases



UIV French Revision Topics

Fill in the checklist according to how confident you feel.

I know this very well 😊 I'm not sure about this 😐 I don't know this ☹️

| Topic | I understand it when I read it | I understand it when I hear it | I can write it | I can say it to somebody |
|---|--------------------------------|--------------------------------|----------------|--------------------------|
| Personality | | | | |
| Relationships | | | | |
| Music you like/dislike and why | | | | |
| Clothes you usually wear (present tense) and are going to wear this weekend (future tense) | | | | |
| A recent date/outing (verbs in the past tense) | | | | |
| Sports you do and your opinion on sport | | | | |
| Qualities needed to be a good sportsperson | | | | |
| Your diet | | | | |
| Your resolutions for your diet and fitness (Near future: I am going to... and future tense: I/we will...) | | | | |

UIV German Revision 2021

| | |
|-----------------------------|--|
| Exam Time: | 2 x 45 minutes including extra time |
| Equipment needed: | School equipment in pencil case. |
| Type of Questions: | <p>READING: Short reading comprehension questions on the topics of clothes/fashion, describing holidays, describing the local area and healthy living. A mixture of multi choice, fill in the blank with an appropriate word, matching pictures to words, etc.</p> <p>WRITING: You will have to produce an extended writing on daily routine, your local area and your lifestyle (what you do to stay in good health) from memory. You will need to write in full sentences.</p> |
| Resources to Revise: | <p>Vocabulary folder</p> <p>www.linguascope.com</p> <p>ActiveLearn</p> |
| Revision Tips: | <p>Revision cards</p> <p>Learn Key Words and set phrases</p> |



UIV German Revision Topics

Fill in the checklist according to how confident you feel.

I know this very well 😊 I'm not sure about this 😐 I don't know this ☹️

| Topic | I understand it when I read it | I understand it when I hear it | I can write it | I can say it to somebody |
|---|--------------------------------|--------------------------------|----------------|--------------------------|
| Understand what people usually wear | | | | |
| Understand opinions and preferences on clothes | | | | |
| Making plans to go out - future tense | | | | |
| Understand the past tense to describe an activity that happened in the past | | | | |
| Understand a description of a holiday | | | | |
| Understand where you stayed on holiday | | | | |
| Understand holiday activities - haben | | | | |
| Understand holiday transport - sein | | | | |
| Weather | | | | |
| Holiday problems | | | | |
| Holiday role play situations | | | | |
| Understand the present, perfect and future tenses | | | | |
| Understand word order in German | | | | |

UIV SPANISH Revision 2021

Exam Time: 2 x 45 mins including extra time

Equipment needed: School equipment in pencil case.

Type of Questions: READING: Short reading comprehension questions. A mixture of multi choice, fill in the blank with an appropriate word, matching pictures to words, etc.

WRITING: You will have a choice of writing tasks to produce an extended writing. You will need to write in full sentences.

Resources to Revise: Class notes, vocabulary and worksheets given in class

www.linguascope.com

<https://pearsonactivelearn.com>

Revision Tips: Revision cards

Learn Key Words and set phrases

¡Hola!



UIV Spanish Revision Topics



Fill in the checklist according to how confident you feel.

I know this very well 😊 I'm not sure about this 😐 I don't know this ☹️

| Topic | I understand it when I read it | I understand it when I hear it | I can write it | I can say it to somebody |
|---|--------------------------------|--------------------------------|----------------|--------------------------|
| Holidays | | | | |
| Talking about a past holiday | | | | |
| Saying what you did on holiday | | | | |
| Describing the last day on holiday | | | | |
| Saying what your holiday was like | | | | |
| Entertainment | | | | |
| Saying what you use your phone for | | | | |
| Saying what type of music you like | | | | |
| Talking about TV | | | | |
| Food | | | | |
| Saying what food you like | | | | |
| Describing mealtimes | | | | |
| Ordering a meal | | | | |
| Grammar | | | | |
| Understand and use comparative sentences | | | | |
| Use the present, preterite and near future tenses | | | | |

buena suerte

UIV Revision PE Theory 2021



Length of exam: 1 lesson (including extra time)

Equipment needed: A pen

Type of questions: Multiple choice, definitions of key words, short answers, some extended questions

Revision: From the notes in your exercise book and you may find the following website useful:

<https://www.bbc.co.uk/bitesize/examspecs/zp49cwx>

Revision tips: Learn the meanings of **keywords** e.g. tendons, synovial joints and ligaments
Learn the **key ideas** eg functions of the skeleton, the features of a synovial joint and how does gaseous exchange take place

You may like to make mind maps and flash cards to help you to learn the information.

KEY WORDS

Here are some keywords that you need to know:

| Key word(s) | Meaning |
|------------------------|---------|
| Tendons | |
| Joints/synovial Joints | |
| Ligaments | |
| Cartilage | |
| Flexion | |
| Extension | |
| Abduction | |
| Adduction | |
| Rotation | |
| Plantar flexion | |
| Dorsiflexion | |
| Alveoli | |
| Capillaries | |
| Atria | |
| Ventricles | |
| Cardiac cycle | |
| Cardiac output | |
| Aerobic respiration | |

| | |
|-----------------------|--|
| Anaerobic respiration | |
| D.O.M.S | |
| Hypertrophy | |
| Bradycardia | |
| Health | |
| Fitness | |
| Components of fitness | |

Revision Checklist

Go through each topic and RAG (RED, AMBER, GREEN) your understanding of each part:

| Topics to revise | Red (not confident) | Amber (a bit unsure) | Green (I get this) |
|---|---------------------|----------------------|--------------------|
| ANATOMY AND PHYSIOLOGY | | | |
| The functions of the skeleton | | | |
| Synovial joints (elbow, knee, ankle, shoulder and hip) | | | |
| Structure of the heart and the cardiac cycle (pathway of blood) | | | |
| Cardiac output ($Q = H.R \times S.V$) | | | |
| Immediate, short and long term effects of exercise on the body | | | |
| PHYSICAL TRAINING | | | |
| Health and fitness and the relationship between the two) | | | |
| The components of fitness | | | |
| Fitness testing | | | |
| SPORTS PSYCHOLOGY | | | |
| Skill and ability | | | |
| Classification of skills | | | |
| Personality | | | |
| Motivation | | | |
| Goal setting/S.M.A.R.T targets | | | |

GOOD LUCK!

Top Ten Revision Tips

Make a revision timetable. Use your exam timetable to enter the days and times of all your exams. Fill in any days you can't revise and then plan in your revision.

1. Short bursts of revision (30-40 minutes) are most effective. Your concentration lapses after about an hour and you need to take a short break (5-10 minutes).

2. Find a quiet place to revise - your bedroom, school, the library - and refuse to be interrupted or distracted.



3. Make sure you don't just revise the subjects and topics you like. Work on your weaker ones as well.

4. Make your own revision notes because you will remember what you have written down more easily. Stick key notes to cupboards or doors so you see them every day.

5. Rewrite the key points of your revision notes; read them out loud to yourself. We remember more than twice as much of what we say aloud than of what we merely read.

6. Use different techniques. Make your own learning maps, use post-it notes to write key words on, create flash cards. Record your notes and listen to them back. Ask friends and family to test you. Use highlighter pens to mark important points. Chant or make up a rap song.

7. Practise on past exam papers or revision tests available on the web. Initially, do one section at a time and progress to doing an entire paper against the clock.



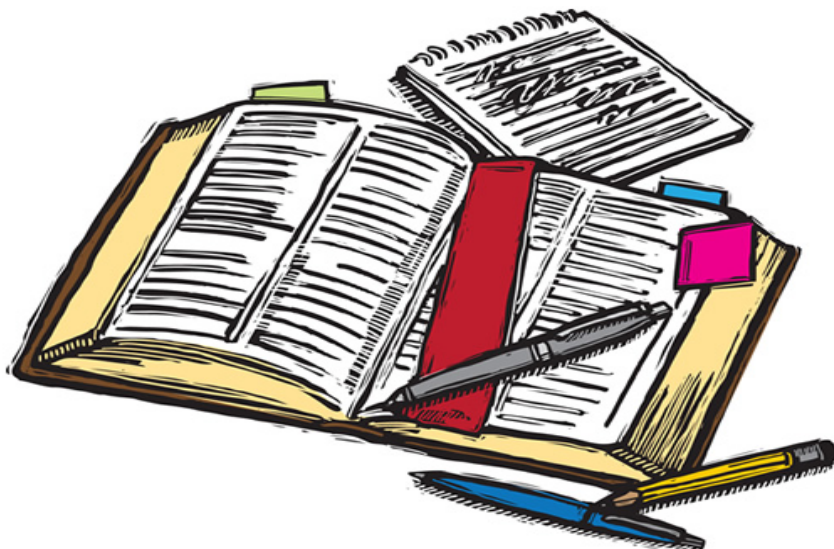
8. You will need help at some stage, ask parents, older brothers and sisters, teachers or friends. If there is a teacher with whom you get on well at school ask for their e-mail address so you can clarify points you are unsure. Use websites specifically designed for revision.

9. **Don't get stressed out!** Eat properly and get lots of sleep!

10. **Believe in yourself and be positive.** If you think you can succeed you will; if you convince yourself that you will fail, that's what will probably happen.

EoY Exam Procedure Pupils 2021

1. There should be absolute silence as you enter your classroom and sit where your teacher directs you.
2. You must be fully equipped and **take with you to every lesson some revision material for a future exam.**
3. **If you normally use a laptop you must bring it to all of your lessons during exam week.**
4. **You should either print your work or send it to your teacher if using a laptop.**
5. **If you need anything read to you, put your hand up and ask the teacher to read.**
6. You must ensure you have the correct exam paper and ask any questions if you are unsure.
7. Everyone must use the set time for the exam paper and any extra time allocated.
8. **Extra time should be completed in a different colour pen and write on the front how much extra time you needed and what you did during the extra time.**
9. When the exam paper has been collected in, quiet revision can be started if allowed.
10. Use your revision guides to plan your revision leading up to the exams.



Remove Revision Timetable 2021

| Week Beginning | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------------------------|-----------|-----------|-----------|-----------|-----------|----------|--------|
| 19 th April | | | | | | | |
| 26 th April | | | | | | | |
| 3 rd May | | | | | | | |
| 10 th May | | | | | | | |
| 17 th May | Exam Week | Exam Week | Exam Week | Exam Week | Exam Week | | |

The Revision Timetable should be used to plan revision leading up to the exams.