



# Knowledge Organisers

A guide for students and parents

Motivation ♦ Commitment ♦ Care

Minsthorpe Community College is committed to delivering a knowledge rich curriculum for all of its students. In order to do so, we have designed our curriculum to contain opportunities to remember the content that has been taught.

### **What is a Knowledge Organiser?**

Knowledge organisers are designed to help you/ your child learn a wide range of knowledge. Knowledge Organisers contain the core knowledge, in every subject area, you/ your child needs to learn in order to achieve academic success.

### **Where can I find copies of the Knowledge Organiser?**

- Students are issued a physical copy of their latest Knowledge Organiser at the beginning of every half term along with a workbook to complete Home Learning in
  - Knowledge Organisers can be found on the school website
- A PDF of the Knowledge Organiser students will be learning from will be attached to their Arbor Home Learning task every Monday
  - A PDF of the Knowledge Organiser can be found on Student Share Point with physical copies available in the library and the uniform room
    - Workbooks can be purchased from the HUB for £3

Every Monday, you/ your child will be set a Home Learning task on Arbor. The task will direct you/ your child to learn a section of the Knowledge Organiser. The sections will be categorised according to weeks. We will provide a timetable which details which subject should be studied and on what day. You can find a copy of this timetable in this guide.

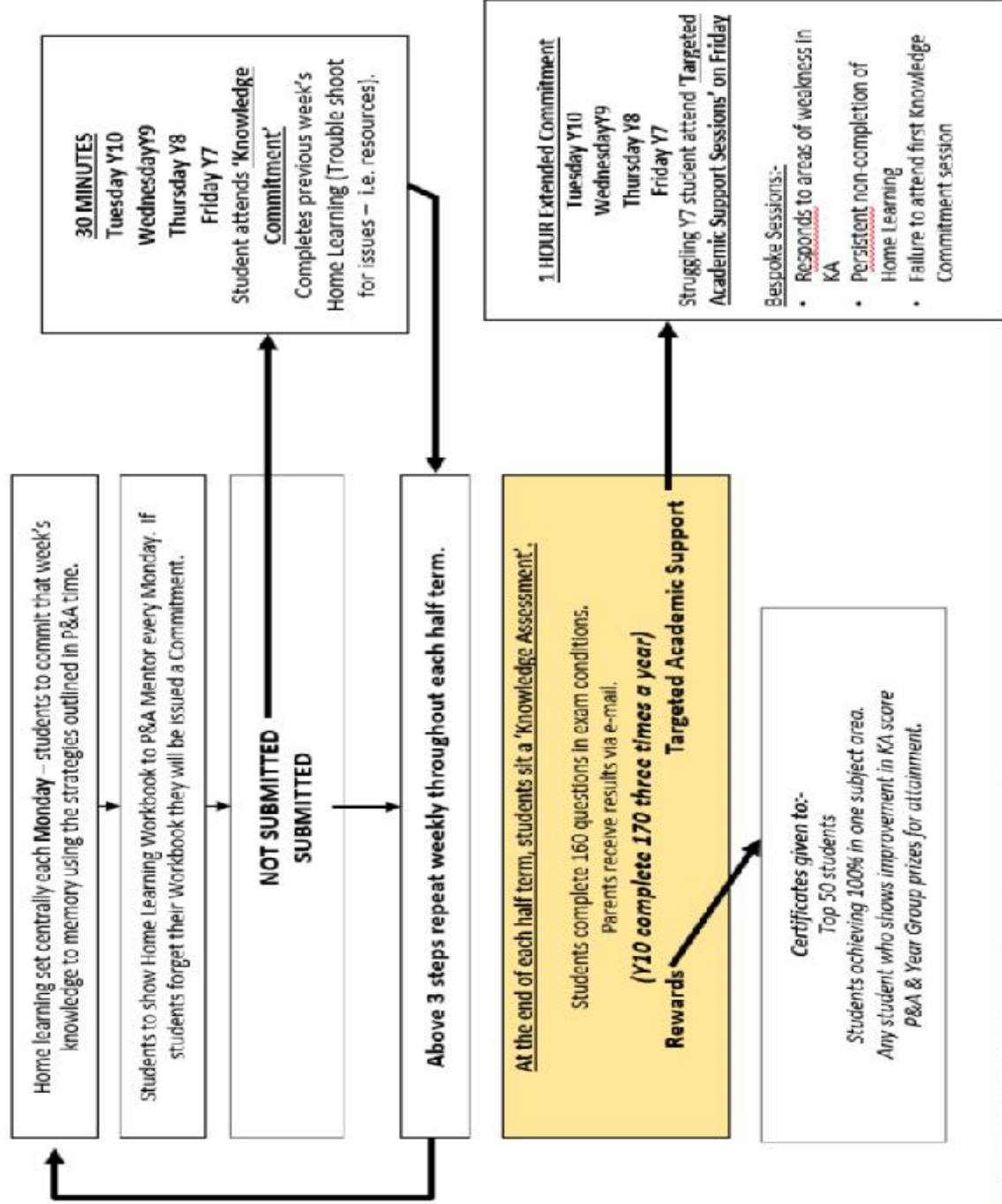
At certain points in the year (outlined below), you/ your child will take a Knowledge Assessment based on the Knowledge you/ your child have been committing to memory. At the end of the year, we will crown a Knowledge Champion. You/ your child will be rewarded for the number of questions you/they answer correctly. For example, you/ your child will receive a certificate for getting 100% of the questions correct in one subject area and/or being placed within the top 50 students in the year group. Students who improve their assessment scores will also receive a certificate.

Year 7 to 9 will sit a Knowledge Assessment at the end of every half term and Year 10 will sit a Knowledge Assessment at the end of every term. Year 11 will not sit Knowledge Assessments.

This guide contains 4 key strategies to help you/ your child learn the knowledge in the Knowledge Organiser. There are also supporting videos that take you/ your child through the strategies step by step.



The first Home Learning will be set on week 2 and checked on Monday week 3



# Home Learning Schedule Years 7-9

Home Learning is set every Monday and will be checked by P&A Mentors the following Monday.

- Home Learning should be completed in workbooks. Students should complete a minimum of 5 subjects a week and cover every subject over the fortnightly time period.
- You/ your child can complete additional revision in their own book and folder if they fill their workbook
- The quality of the Home Learning completed will be checked every week by your/ your child's P&A Mentor
- The best Home Learning will be celebrated on the school's social media platforms and rewarded in school

## Year 7:

| Day       | Subject to Learn Week A | Subject to Learn Week B | Additional                                  |
|-----------|-------------------------|-------------------------|---------------------------------------------|
| Monday    | English                 | L4L or Creative         | <b>Sparx Reader<br/>30 Minutes per week</b> |
| Tuesday   | Maths                   | CDM                     |                                             |
| Wednesday | Science                 | History                 |                                             |
| Thursday  | French                  | Geography               |                                             |
| Friday    | DT                      | PE                      |                                             |

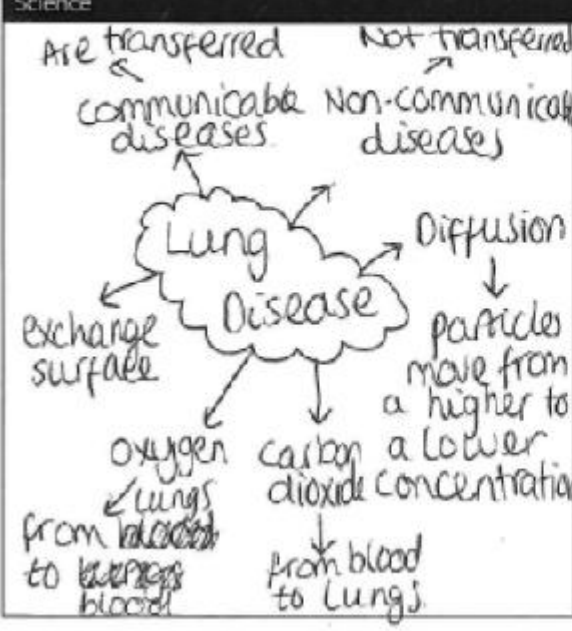
## Years 8 and 9:

| Day       | Subject to Learn Week A | Subject to Learn Week B | Additional                                  |
|-----------|-------------------------|-------------------------|---------------------------------------------|
| Monday    | English                 | L4L or Creative         | <b>Sparx Reader<br/>30 Minutes per week</b> |
| Tuesday   | Maths                   | CDM                     | <b>Sparx Week B</b>                         |
| Wednesday | Science                 | History                 | <b>Educake Week A</b>                       |
| Thursday  | French                  | Geography               |                                             |
| Friday    | DT                      | PE                      |                                             |

In Year 7, 8 and 9 students will study Design Technology in three 14-week blocks consisting of Textiles, Product Design and Food. Please only learn the knowledge of the area you are currently studying.

# Workbook Example Page

Name: Miss MiddletonPBA: 7.2Term/Week: Summer 1, week 1

| English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Maths                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Hierarchy is a system in which members of an organisation or society are ranked according to relative status or authority.</p>  <p>social mobility is the movement of individuals, families, households, or other categories of people within or between social strata in a society. It is a change in societal status relative to one's current social location.</p>  | <p>what is index notation used to describe?<br/>A - repeated products</p> <p>What is the index of a number?<br/>A - how many times to use the base number in multiplication.</p> <p>what does Product mean?<br/>A - The result of multiplying numbers together.</p> <p>what word describes a number that divides exactly into another number?<br/>A - Factor.</p> |
| Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | French                                                                                                                                                                                                                                                                                                                                                            |
| <p>Are transferred communicable diseases</p> <p>Not transferred Non-communicable diseases</p>                                                                                                                                                                                                                                                                                                                                                              | <p>À mon avis - In my opinion</p> <p>Selon moi - In my opinion</p> <p>Personnellement - personally</p> <p>Je pense que - I think that</p> <p>Je crois que - I believe that</p> <p>Je trouve que - I find that</p> <p>Je dirais que - I would say that</p> <p>Quand j'étais petit(e) - when I was little</p>                                                       |

# **Knowledge Assessment Dates**

## **Years 7-9**

Knowledge Assessments will take place in school time. You/ your child will be escorted to a computer room where you will be asked 160 questions based on the knowledge you/ your child have/ has learnt during the last half-term.

Knowledge Assessments will take place on the dates below during the following periods:

Period 1 – Year 7

Period 2 – Year 9

Period 3 – Year 8

**Thursday 22<sup>nd</sup> October Week B**

**Thursday 17<sup>th</sup> December Week A**

**Wednesday 10<sup>th</sup> February Week A**

**Wednesday 24<sup>th</sup> March Week B**

**Tuesday 25<sup>th</sup> May Week A**

**Tuesday 6<sup>th</sup> July Week B**

**It is imperative that your child is NOT absent on the assessment dates above.**

# **KS4 Home Learning Schedule**

## **Years 10 & 11**

Home Learning is set every Monday and will be checked by P&A Mentors the following Monday.

- Home Learning should be completed in workbooks. Students should complete a minimum of 4 subjects a week and cover every subject over the fortnightly time period
- You/ your child can complete additional revision in their own book and folder if they fill their workbook
- The quality of the Home Learning completed will be checked every week by your/ your child's P&A Mentor
- The best Home Learning will be celebrated on the school's social media platforms and rewarded in school
- Students in Year 10 and 11 will be set an additional Home Learning from their compulsory and chosen option subjects every two weeks. Please see pages 9 and 10 for more detail

## **Knowledge Assessment Dates Year 10**

Knowledge Assessments will take place in school time. You/ your child will be escorted to a computer room where you will be asked 160 questions based on the knowledge you/ your child have/ has learnt during the last half-term.

**Friday 18<sup>th</sup> December Week A Period 3**

**Thursday 25<sup>th</sup> March Week B Period 1**

**Thursday 8<sup>th</sup> July Week B**

**It is imperative that your child is NOT absent on the assessment dates above.**

**Year 11 students will not sit Knowledge Assessments due to formal mock examinations.**

# KS4 Subject Specific Home Learning

As well as Knowledge Organiser Home Learning, students in Year 10 and Year 11 will be set a subject specific Home Learning every two weeks. This Home Learning will be checked by their classroom teacher.

## **List of subject specific Home Learning:**

**English Language and English Literature:** Worksheet on planning exam responses and/ or preparation for classroom knowledge tests.

**Maths:** Sparx Maths

**Further Maths:** Additional practice work

**Science:** Educake

**French:** One Languagenut task

**History:** Online quiz questions

**Geography:** Online quiz questions

**Drama/ Acting:** One research page in Home Learning booklet

**Art:** One observational drawing 'skills builder' for the Home Learning section of your portfolio

**Music:** One research page in Home Learning booklet

**CDM:** Sceneca

**Creative I Media:** Satchel quiz questions

**Product Design/ Textiles/ Hospitality and Catering:** Online quiz questions

**RE:** Home Learning booklet or Online quiz questions

**PE:** Revision guide task

**Sport:** Everlearner

**Health & Social Care:** Autumn & Spring Terms Online quiz questions, Summer Term Interview booklet

**Knowledge Organiser Timetable:**

| <b>Week A Day</b> | <b>Subject to Learn</b> | <b>Week B Day</b> | <b>Subject to Learn</b> |
|-------------------|-------------------------|-------------------|-------------------------|
| Monday            | English                 | Monday            | Maths                   |
| Tuesday           | Science                 | Tuesday           | Science                 |
| Wednesday         | Option Subject A        | Wednesday         | Option Subject B        |
| Thursday          | Option Subject C        | Thursday          | Option Subject E        |
| Friday            |                         | Friday            |                         |

- 4 boxes to be completed every week

**Subject Specific Home Learning Timetable:**

| <b>Week A</b>            | <b>Week B</b>            |
|--------------------------|--------------------------|
| English                  | English                  |
| Maths                    | Maths                    |
| Science                  | Separate Science         |
| History                  | French                   |
| Drama/ Acting            | Geography                |
| Art                      | Music                    |
| CDM                      | Creative I Media         |
| Product Design/ Textiles | Hospitality and Catering |
| PE                       | Sport                    |
| RE                       | Health & Social Care     |

- Option subjects relate to your individual option choices. Record yours below.

| Option Subject A | Option Subject B | Option Subject C | Option Subject E |
|------------------|------------------|------------------|------------------|
|                  |                  |                  |                  |

- It is your responsibility to regularly check Arbor for subject specific Home Learning which will be set on Week A or Week B as outlined above.

# Strategy One: Look Cover Write Check Correct



## Look

Look at the information carefully.

Read it three times.

It may help to **say** it as you read it.



## Cover

Cover it with your hand or a piece of paper.



## Write

Write it out from memory.



## Check

Check what you have written matches the information exactly.

Have you got it correct?

If so, tick your work to show it is correct.



## Correct

If it **doesn't match exactly**, use a different coloured pen to correct it.

**Repeat.**

When you get it 100% correct, move on to the **next** piece of information.

**For example:**

| Look            | Write                                                                                                                      | Check                                                                                | Correct                                                                              |
|-----------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Online safety   | The safe and responsible use of the internet and the technology you use.                                                   |   |                                                                                      |
| Primary Storage | Is directly accessed by the CPU and is normally the fastest memory in the computer. Primary storage is RAM, ROM and cache. |  | (memory inside the CPU)                                                              |
| Motherboard     | Holds the data and software that is currently being used.                                                                  |  | <b>The backbone of the computer, every other piece of hardware connects to this.</b> |

Always try to write the information from memory. When you are certain you have written all you can, make any corrections in a different coloured pen in the final box.

## Strategy 2: Mind Mapping

1. Read through the information in your knowledge organiser.
2. Write the name of the topic in the middle of the page.
3. Split the topic into sections and add a branch for each section. *You could use a different colour for each branch.*
4. Add the information from your knowledge organiser onto the branches. *You could also add images to help you remember.*
5. If some sections link together you could add lines connecting them to help you remember the links.

### **Revising from your mind map**

Read a section of your mind map and try turning it back into sentences.

*Or*

Read a section of your mind map then turn the page over and try recreating it from memory.

***Remember to check your mind map against your Knowledge Organiser and add any missing information (in a different colour) or highlight the bits you have missed.***

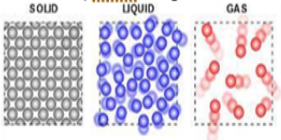
You can leave it a few days and then try these activities again until you can remember all of the key information.



# Strategy 3: Flashcards

## Flashcards

Turn the knowledge in your week's box into quiz questions:

| Subject: Chemistry                                                                                                                                                                                                                                                                                                             | Topic: Matter and substances |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Week 1: Solids, Liquids and Gases                                                                                                                                                                                                                                                                                              |                              |
| <u>Key word definitions</u>                                                                                                                                                                                                                                                                                                    |                              |
| <b>Solids:</b> Particles are close together and vibrate about a fixed position.                                                                                                                                                                                                                                                |                              |
| <b>Liquids:</b> Particles are close together and move at random.                                                                                                                                                                                                                                                               |                              |
| <b>Gases:</b> Particles are far apart and move at random.                                                                                                                                                                                                                                                                      |                              |
| <u>Key learning points</u>                                                                                                                                                                                                                                                                                                     |                              |
| <ul style="list-style-type: none"> <li>All matter, in fact everything is made of particles.</li> <li>Particles behave differently in solids, liquids and gases. Liquids and gas particles can flow, solid particles do not.</li> <li>The particle model explains the differences between solids, liquids and gases.</li> </ul> |                              |
|                                                                                                                                                                                                                                              |                              |

- What is a solid?
- How do liquid particles move?
- What is the difference between a gas and a solid?
- What is matter made of?
- What can liquid and gas particles do that solid particles cannot?
- What model explains the difference between solids, liquids and gases?

When making flashcards write the question on the front of the piece of paper and the answer on the back.

| Front                                | Back                                   |
|--------------------------------------|----------------------------------------|
| <i>How do liquid particles move?</i> | <i>Liquid particles move randomly.</i> |

## Quizzing Over Time

Using your flashcards, test yourself on the questions you have created.

Put the flashcards you have got **correct** into one pile and the flashcards you have got **incorrect** into another pile.

Redo the flashcards in your **correct** pile again at the end of the week to ensure you have remembered the answers.

Redo the flashcards in your **incorrect** pile everyday until you have answered them correctly. When you answer a question correctly, move that card to your **correct** pile.

## Strategy 4: Aspire



**Look at the information carefully.**

**Read it three times.**

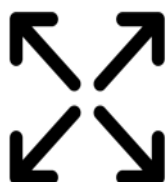
It may help to **say** it as you read it.



**Cover it with your hand or a piece of paper.**



**Write it out from memory.**



**Turn the fact into a sentence** and **link it** to what you have learnt in class and/or what you have experienced outside of the classroom. **Expand** upon the sentence giving as much detail as possible.

**Example Table**

| Look                                                                              | Write                                                                                    | Check and Correct                                                                    | Expand                                                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| The British Isles – the islands that make up what most people call Britain today. | <i>The British Isles – the islands that make up what most people call Britain today.</i> |  | <i>The two main islands in the British Isles are Great Britain and Ireland but there are others like the Isle of Man.</i> |
| Most evidence comes from artefacts.                                               | <i>Most evidence comes from artefacts.</i>                                               |  | <i>Artefacts are man made objects that can teach us about history such as tools, weapons, jewellery or clothes.</i>       |
| People originally arrived from Europe via a land bridge.                          | <i>People originally arrived via a land bridge.</i>                                      | <i>People originally arrived <u>from Europe</u> via a land bridge.</i>               | <i>A land bridge is a thin strip of land connecting two larger areas of land.</i>                                         |

# Help and Support

*A place where everyone plays a part in strengthening our learning community through **motivation, commitment, and care.***

If you require any additional help, guidance or support please do not hesitate to contact Minsthorpe Community College via phone: 01977 657600 or via email: [enquiries@minsthorpe.cc](mailto:enquiries@minsthorpe.cc).

Please outline your enquiry and ask to speak to:

Mr Ruston

Miss Middleton

Mrs Lewis

Mrs Marshall (Year 11)

Mrs Raistrick (Year 10)

Mrs Cunningham (Year 9)

Mr Lumley (Year 8)

Mr Max (Year 7)

Whatever challenges you/ your child may be facing, we as a school community, will be able to help.