

Outwood Academy Acklam, Parent information evening

Being the best we can be! 2nd October 2023



SPARX Maths Elizabeth Flood Head of Maths





What exactly is Sparx Maths Homework?

Sparx homework is tailored to your child, and should offer them just the right level of challenge, based on the topics that their teacher has set.

Homework contains 3 elements: Compulsory, Optional and Target.

All questions in the Compulsory section must be answered correctly for the homework to be marked as complete.

Each task bar will show as green when fully complete. For the homework to be classed as complete, all taskbars for that homework need to be fully green. The percentage of homework complete will show on

the menu page:





How can I support my child when they're stuck?

Try and set up a quiet work area for your child if possible. If you don't have the space, considered specific setting aside routine 'quiet times' during the day, when children can concentrate, even if or short periods of time.

It is important that students still keep a record of their work when learning at home and whave provided all students with a SPARXs workbook. They may still need their teacher's support, and they in turn may want to see student workings.

Each question is accompanied by a help video. Watching the video with your child is a great way to support and encourage them with the question.



Students First OOD Sparx top tips for parents GRANGE ACADEMIES TRUST

Encouraging good habits

Try and set up a quiet work area for your child if possible. If you don't have the space, consider setting aside routine 'quiet times' during the day, when children can concentrate, even if only for short periods of time.

If they have attempted the questions 3 times, please encourage your child to what the accompanying video for support. Watching the video with your child is a great way to support and encourage them with the question.

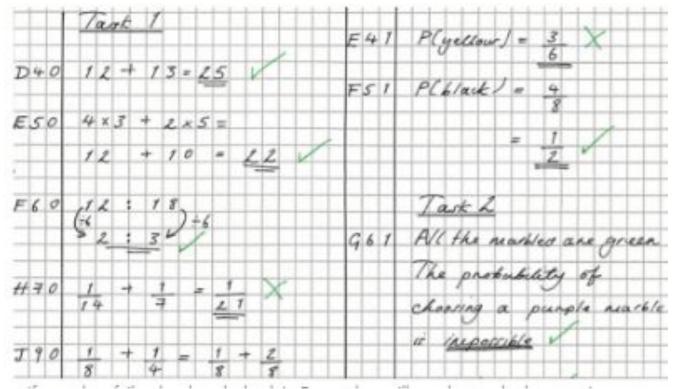
If your child is struggling, we actively encourage students to attend MATHS ENRICHMENT on Wednesday's 2:30-3:30pm where a staff member is able to support.



Students First OUTWOOD Sparx top tips for parents

It is important that students still keep a record of their work when learning at home, so providing them with a book. Student should record the question code next to their working









Students First DUTWOOD Log on to SPARXs GRANGE ACADEMIES TRUST

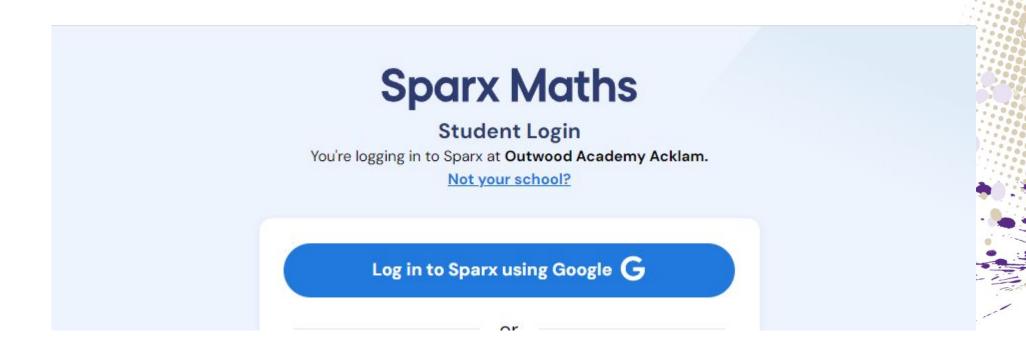
Go to https://sparx.co.uk, click login in the top right corner.

• Choose Sparx Maths, Student Login and then search for the correct school





Choose to log on with Google using your child's school email address





The Outwood Parent Portal Nicola Robinson Assistant Principal





The Outwood Parent Portal

This portal is now live and has been designed to allow you to be able:

- To see your child's current attendance
- See your child's Praise and how well they are doing in school
- See your child's consequences and be able to support us with this.
- See your child's timetable
- See your child's praising stars

All of the above will help you support your child's journey at

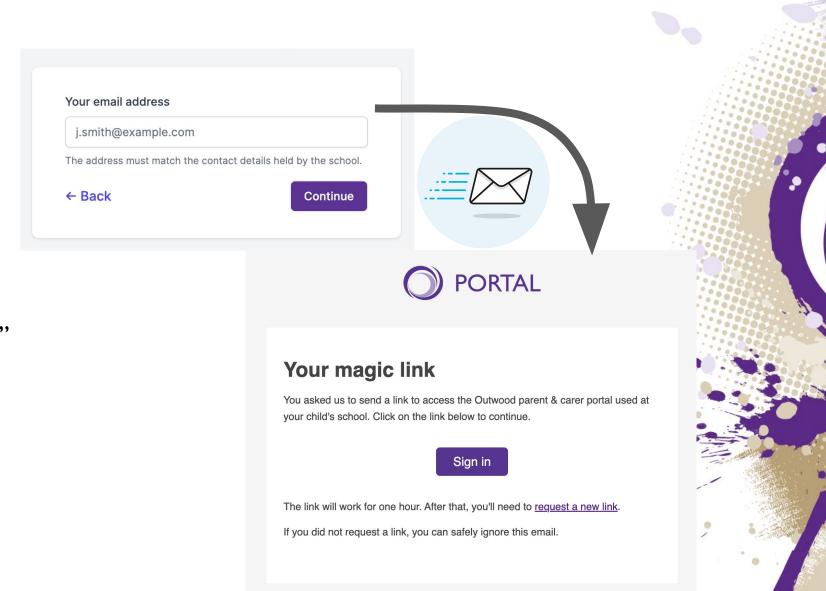
Outwood Acklame and the description of OGAT

Students First: raising standards and transforming lives



How do I sign in?

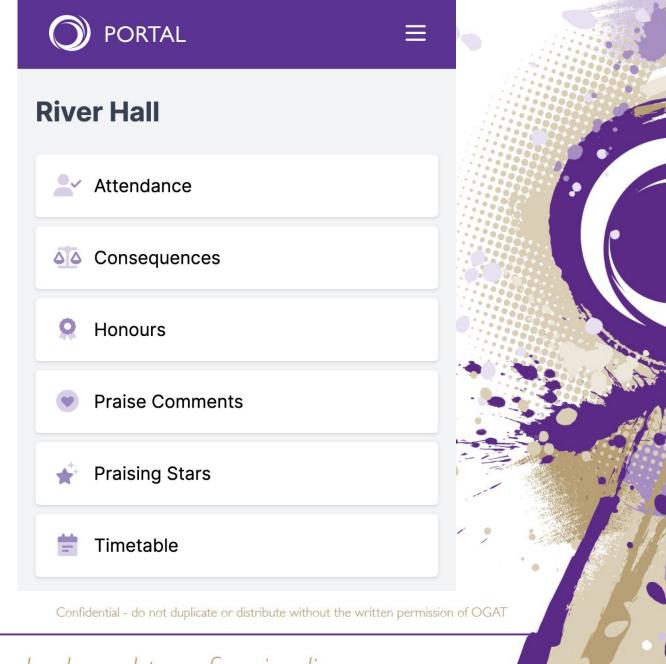
- Parents/carers visit
 portal.outwood.com
 (linked from the academy website)
- 2. They are sent a "magic link" by email to securely sign in





This first thing you will see. Landing page

Parents with more than I child can switch between student.

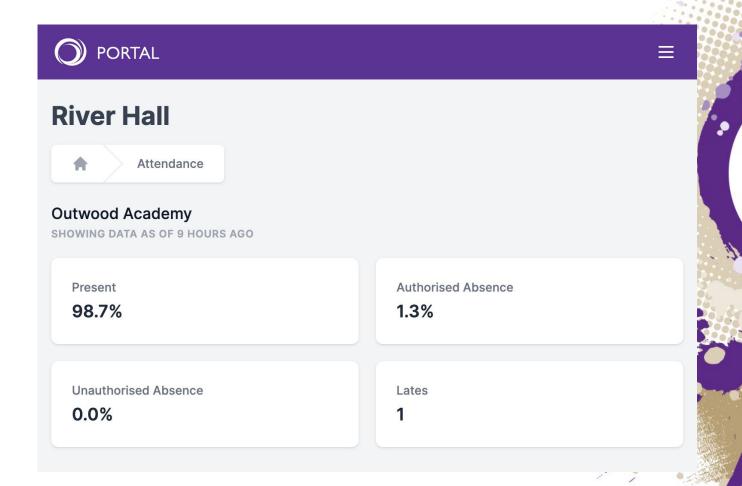




Attendance

Attendance figures are provided.

Present
Authorised Attendance
Unauthorised Attendance
Lates



 ${\it Confidential - do \ not \ duplicate \ or \ distribute \ without \ the \ written \ permission \ of \ OGAT}$



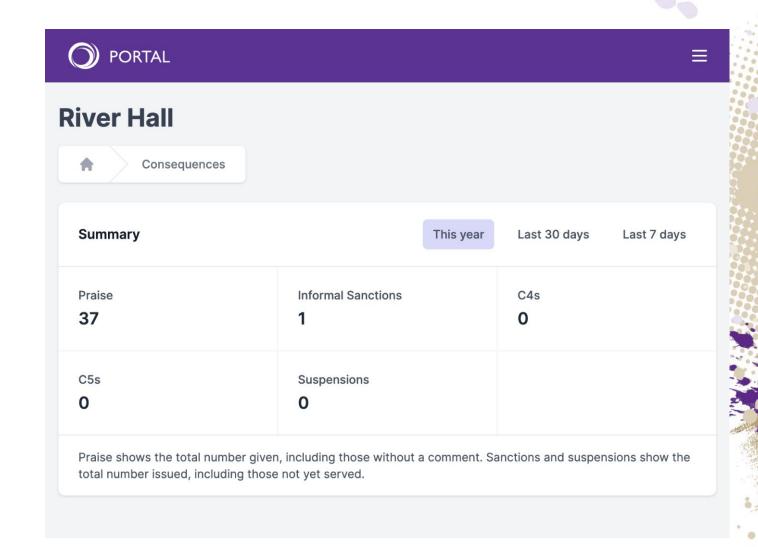
Consequences

Consequences figures are provided:

Praise Points
Informal Sanctions
C4

C5

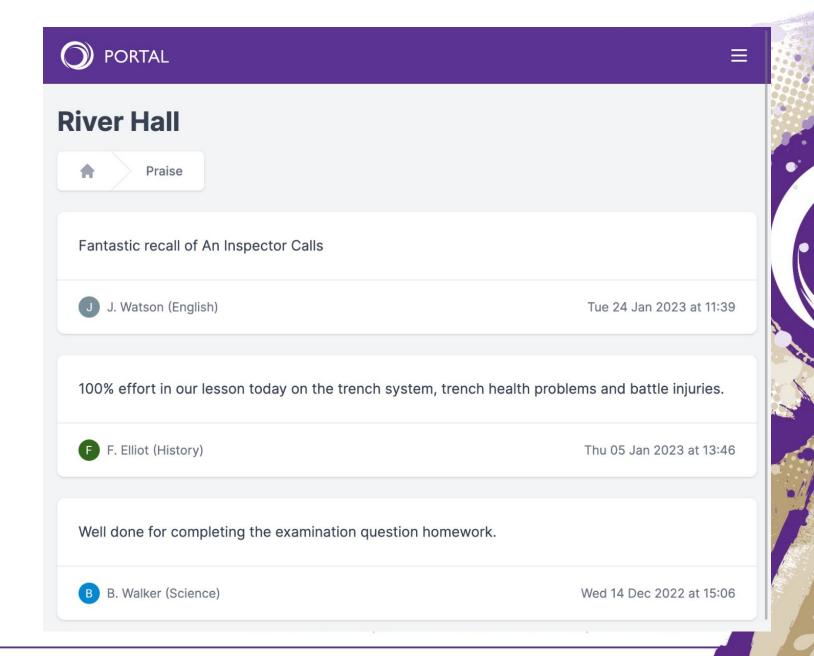
Suspensions





Praise comments

All of the student's Praise comments are provided.

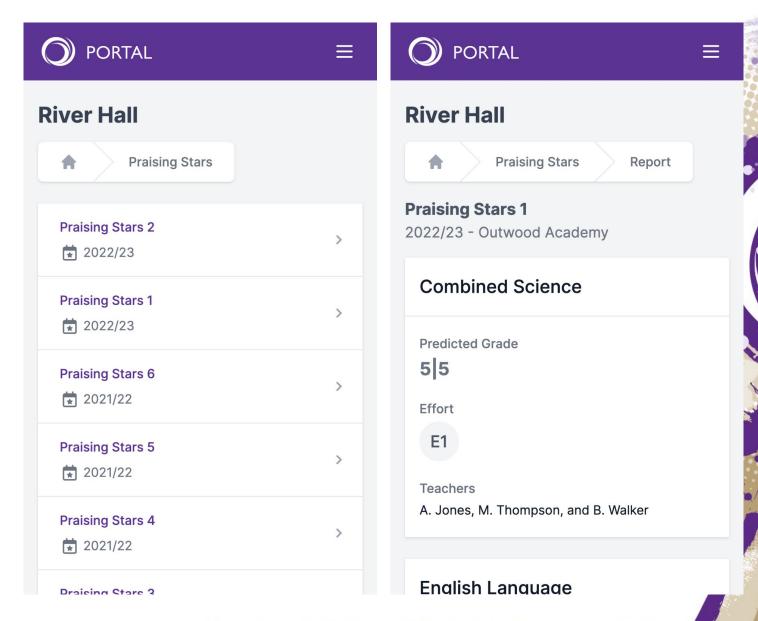




Praising Stars

All of a student's Praising Stars reports are available.

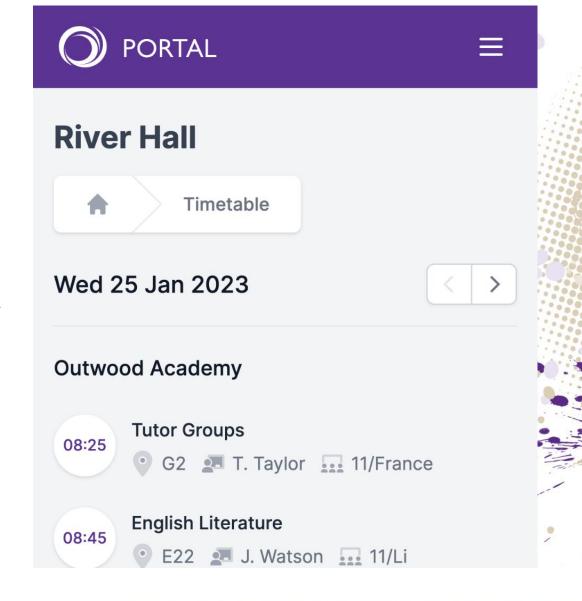
Each report includes the same information as a printed report, adapted for display on a screen.





Timetable

A student's timetable is provided. You can scroll through two weeks of timetable.



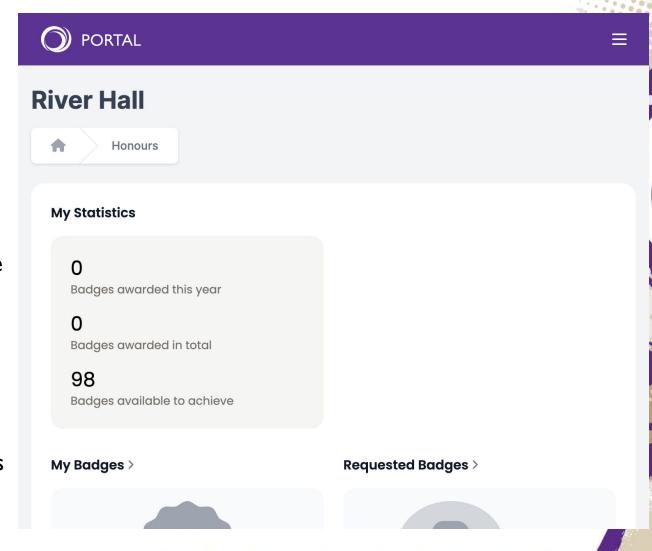


Honours

Honours is currently for all Y7 and Y8. This is new programme. For those of you with children in year 7 and 8 you will get more information on this programme later. On here you will be able to see the badges awarded over the year and beyond.

You can browse/search all available badges and learn more about how to achieve them.

Students accessing the portal using their academy Google account can also request badges (parents/carers receive a read-only view of Honours).





The Outwood Parent Portal

We hope that this portal provides you with additional information that will help support your child.



Five Pillars of Learning Chris Palmer Vice Principal





What are the 'Five Pillars of Learning?'

- Clarity of Intention
- Recap and Recall
- New Information
- Practice
- Feedback







Five Pillars - The Purpose

To have common terminology and language that is shared by subjects, teachers, students and parents to bring consistency of approach while still allowing flexibility of delivery.







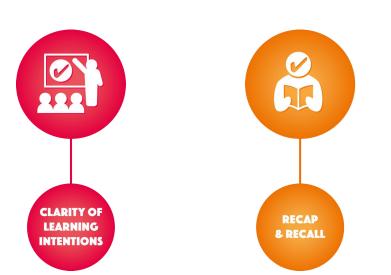
OUTWOOD Five Pillars - The Purpose

Five Pillars approach focuses teachers to better support learners...so that students know more, remember more and can do more over time





WOOD Five Pillars - How it looks like in lessons









These 5 Pillar logos are used on slides, explicitly referred to and in places written in student work.

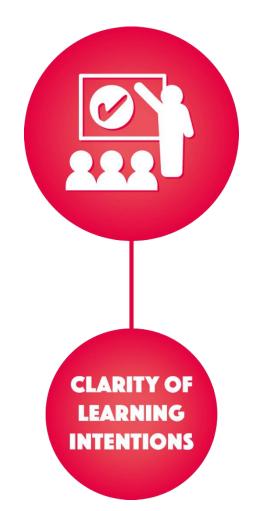


Students First OUTWOOD Five Pillars - What will be gained?

- It is helping deliver a more consistent approach to learning.
- It will aid parental understanding of lesson delivery and the expectations of students.
- It will aid students to understand each aspect of the lesson, the relevance, and lead to them buying-into lessons more and being more focused.
- An improvement in learning behaviours and outcomes



Learning Intentions - Why

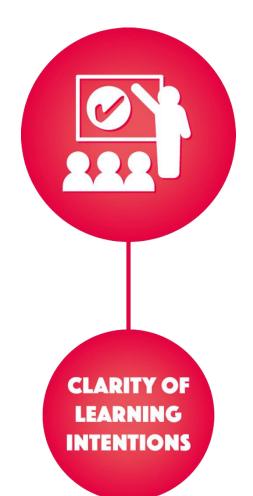


Students should have the same idea as their teacher what is going on in the classroom, and what they should be learning as a result of doing.

Students should also know how their learning links to other topics and where relevant, subjects.



Students First UTWOOD Learning Intentions - Why



- Topic Question
- Lesson Question
- Success Criteria
- Topic Learning Journey
 - In all books
 - Explicitly referred to



CLARITY OF LEARNING INTENTIONS



TOPIC QUESTION:

What is Homeostasis and Response?

LESSON QUESTION:

What is homeostasis and what are the systems in the body that are responsible for it?

SUCCESS CRITERIA:



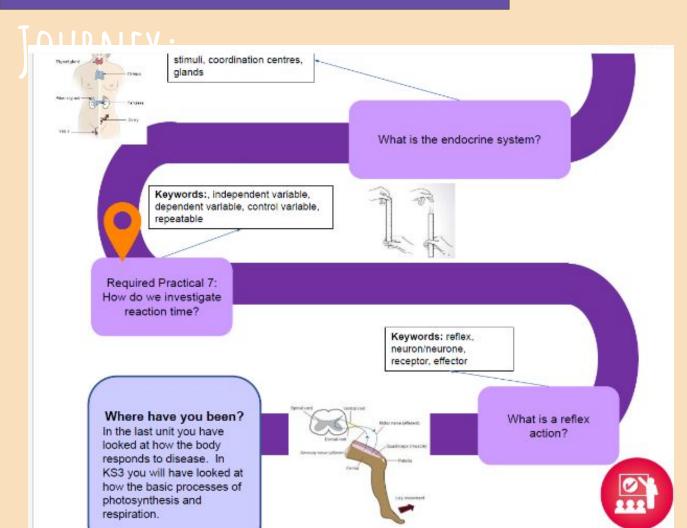
- I can define what homeostasis is
- I can name the two automatic control systems within the human body
- I can recall and describe the three elements that all control systems include

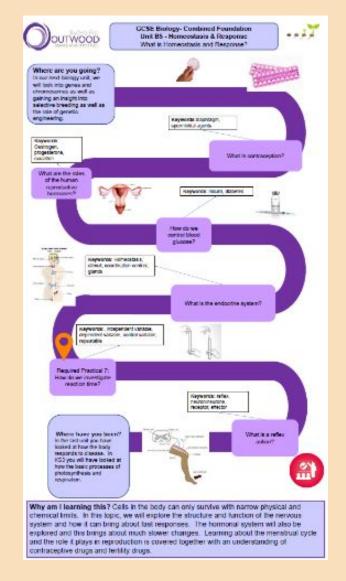


CLARITY OF LEARNING INTENTIONS



TOPIC LEARNING

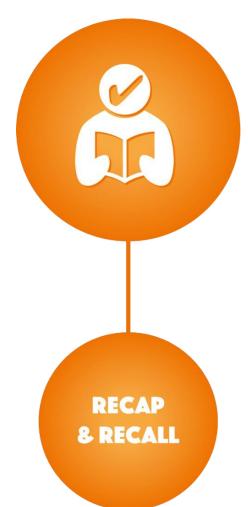








Recap and Recall - Why



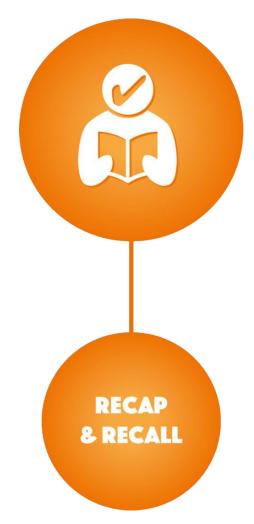
 Forces recall or application of information that should already be understood.

 This allows the teacher to check the students understand and can remember the information.





Recap and Recall - Why



- When used at the start of the lesson it:
 - Allows the teacher to tackle any issues.
 - It ensures students are ready to built upon this information and we are not setting the lesson up for failure, but rather success.



Recap and Recall - How



Daily Review

Retrieval Practice

Lesson Takeaways

Weekly and Monthly Review







What are ionic bonds and how are they formed?



24 Mg 12 Following what we have been doing have a go at demonstrating Ionic Bonding with the following steps:

- Draw the electron configuration of both atoms
- Draw arrows to show the movement of electrons
- 3. Redraw both after the electrons have moved to give both atoms full shells
- 4. Add square brackets to each
- 5. Add the charges to each

16 0 8



TAKEAWAY MENU



RECAP & RECALL

TOPIC QUESTION:

How do different substances bond together, and how does this link to their physical properties?

[[550N QUESTION: What are ionic bonds and how are they formed?



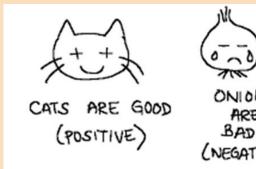


 Ionic bonding occurs between metals and non-metals



lons are atoms that have lost or gained electrons

Atoms form positive and negative ions



TOPIC QUESTION: LESSON QUESTION:

How do different substances bond together, and how does this link to their physical properties?



New Information - Why



 If we want students to learn something new we have to be explicit about the fact we are giving them new information.

• If we want students to be able to learn new skills or use new techniques we have to explicitly show them these new skills and techniques.

• If we want students to remember new facts, we have to provide these and be explicit about these being things they need to remember.





WOOD New Information - How

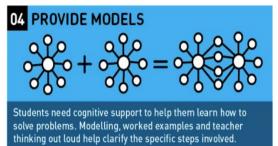


 We will provide new information in small steps so students are not overloaded

 Where appropriate we will model approaches prior to students undertaking practice tasks







NEW INFORMATION: SUBJECT SPECIFIC VOCABULARY



<u>Series</u>

A number of events, objects, or people of a similar or related kind coming one after another.

Charge

Electric charge can be positive or negative. Like charges repel each other and unlike charges attract each other. An object with no net charge is referred to as electrically neutral.



Circuit

Series

Ammeter

Charge

Potential Voltage, Resistance

NEW INFORMATION



Definition: Existing or taking place between molecules.



Morphology

Inter

Molecular

Etymology

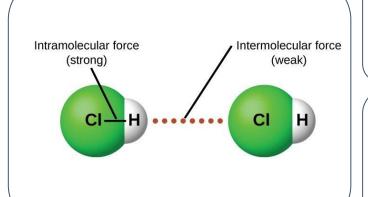
from Latin inter (prep., adv.) "among, between, betwixt, in the midst of" (also used extensively as a prefix)

"relating to or consisting of molecules," by 1815, from molecule + -ar or else from French moléculaire or Modern Latin molecularis

Word Families

Interconnected, international, interstate, intersection, intercept

Synonyms Antonyms



Covalent

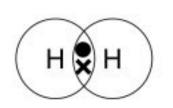
(KOH - VAY - luhnt)

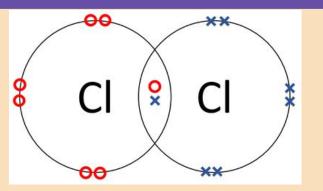
Application - Example Use

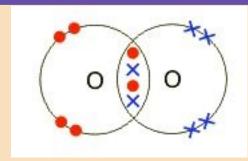
Task

NEW INFORMATION: KEY CONTENT

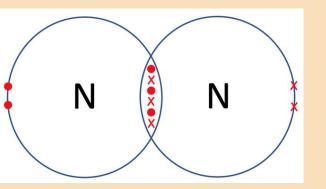


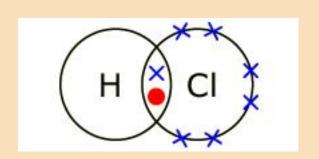


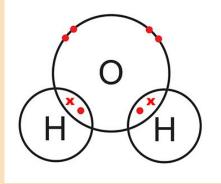


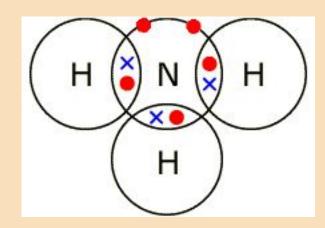


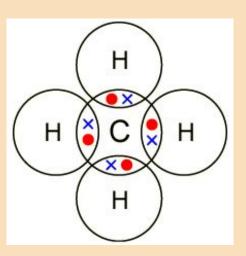












Remember:

This is so important you need to draw a Black/Blue Box around this information.



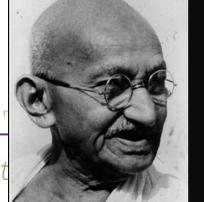
Practice - Why



 Carefully designed guided practice, with support gradually withdrawn as the pupil becomes proficient, can allow pupils to develop skills and strategies before applying them in independent practice.
 (EEF)

 Independent practice produces 'overlearning', a necessary process for new material to be recalled

automatically (Rosenshine).



An ounce of practice is worth more than tons of preaching.

- Mahatma Gandhi -

Confidential - do n



Students First WOOD Practice - How



Guided Practice

Independent Practice







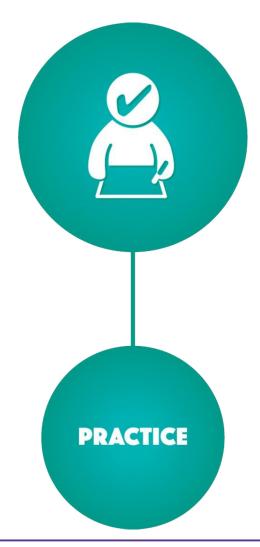








Practice - How



- Worked Examples
- Teacher Modelling
- Class Modelling
- Sentence Starters
- Key Word Banks
- Structured worksheets
- Regular AFL
- Frequent Verbal Feedback
- Self and Peer Assessment against success criteria



GUIDED PRACTICE



1. A circuit is a set of components connected in a loop to allow c_____ to flow.



2. A _____ circuit has more than one loop of wire connecting components.

3. A _____ circuit consists of a single loop of wire connecting components.

4. _____ circuits have multiple branches for current to flow.

TASK

GUIDED PRACTICE



(b) Sodium reacts with chlorine to form sodium chloride.

(i) Name the type of bonding in sodium chloride.

(1)

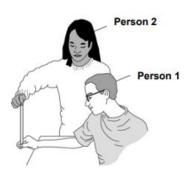
(ii) Explain why the melting point of sodium chloride is high.

GUIDED PRACTICE

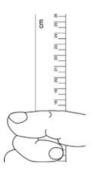


Method for standard human reaction time test

- 1. Work with a partner to do this test. Choose who will be person 1 and who will be person 2.
- Each of you should use your dominant hand to do this experiment. If you are right handed then your dominant hand is your right hand.
- 3. Person 1 sits down on the chair, with good upright posture and eyes looking across the room.
- Person 1 puts the forearm of their dominant arm across the table with their hand overhanging the edge.
- Person 2 holds a ruler vertically with the bottom end (the end with the 0 cm mark) in between person 1's thumb and first finger. They will tell person 1 to prepare to catch the ruler.



- 6. Person 1 catches the ruler with their thumb and first finger as quickly as possible when it drops.
- 7. Record the number on the ruler that is level with the top of person 1's thumb.



8. Have a short rest, then repeat the test several times.

9. Record your results on a table.

Drop test attempt	Ruler measurements in cm				Reaction times in seconds			
	Person 1 Before	Person 2 Before	Person 1 After	Person 2 After	Person 1 Before	Person 2 Before	Person 1 After	Person 2 After
1								
2			i i				6	
3								
4								
5								
6								
7				3				
8								
9								
10			-					

- 10. Repeat the test with Person 2 catching the ruler and Person 1 dropping it.
- 11. Record Person 2's results on the table.
- 12. Use a conversion table to convert your ruler measurements into reaction times.
- 13. Make the change that you are investigating to change human reaction time.
- 14. Repeat steps 1-9 for each person and record the results in your data table.







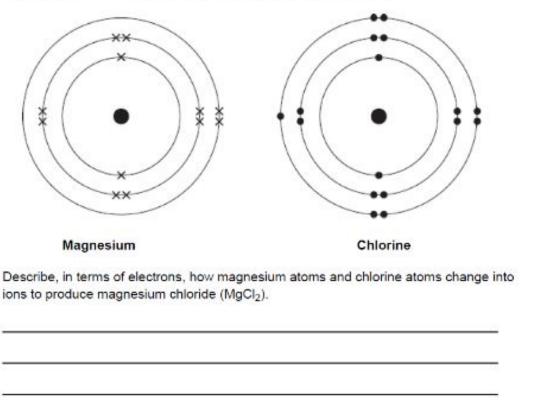
INDEPENDENT PRACTICE



TASK:

2.

(a) The diagram shows an atom of magnesium and an atom of chlorine.



SUCCESS CRITERIA



Include what happens - movement of electrons.

Include where they move from, and go to.

Be clear about how many of each atom are needed.

Be clear about how many electrons move, and where to.

Remember:

This is a timed task. You are working in silence and should try to overcome being 'stuck' as this is a skill. If stuck, try to approach the task in a different way.

INDEPENDENT PRACTICE



You are investigating how the lack of sleep affects reaction time. Write an outline of the method you would use to do this.



Success Criteria

- You will write using bullet points or numbers for steps in the method
- You have a clear method to gather a set of results
- You have a clear method that will ensure the results are valid (accurate and reliable)
 - You will be clear about what you will be measuring and how
- You have made it clear what your independent and dependant variables are
- You have made it clear what control variables there are and how you will ensure these are kept the same
- You will be clear about how you measure the sleep factor
- You will check your spellings, and writing for understanding (does it make sense and could someone else follow your instructions)

Remember:

This is a timed task. You are working in silence and should try to overcome being 'stuck' as this is a skill. If stuck, try to approach the task in a different way.







Feedback - Why



 Put simply, focused feedback helps students recognise and correct mistakes in their understanding so they can improve their practice.

 "Feedback is rated as having one of the highest impacts on student attainment."
 (Education Endowment Foundation)





Feedback - How

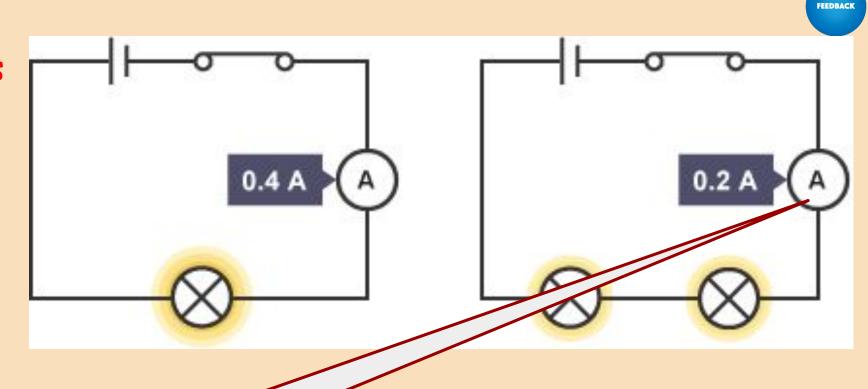


- The teacher actively circulates around the classroom:
 - Verbal feedback is common practice in lessons
 - Live marking is used where appropriate.
- Teacher assessed work should be planned in advance, given as independent practice and SRT used to support and improve the piece



The resistance increases when you add more components in series.

In this case the resistance of 2 lamps is greater than the resistance of 1 lamp so less current is flowing through them.



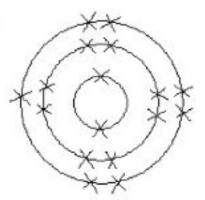
The amps show that less current is flowing through this circuit.

FEEDBACK: CORRECTIONS



1.

(a)



accept dots / crosses / e
must be drawn on diagram
electrons do not need to be paired
ignore brackets or + or -charges
ignore 2,8,7

(b) (one) electron

recognition that electrons are involved

1

1

lost / given away / transferred from sodium / transferred to chlorine owtte

must be linked to electrons

accept loses electron(s) for 2 marks

NB loses 2 or more electrons gains 1 mark

reference to sharing / covalent max 1 mark

ignore charges on ions formed





FEEDBACK 😭









LESSON TAKEAWAYS





Topic and lesson questions, success criteria, revisit.





RECAP 8 RECALL Daily review, identify gaps, force recall, monthly/weekly review, Lesson Takeaways.





Presenting, modelling, demonstrating, Key content for recall, scaffolding.



PRACTICE

Guided, Independent, scaffolding.



Identify gaps, verbal, live marking, circulating, questioning, SRT, Planned



The Outwood Honours Program (Year 7 and 8 only) Graham Skidmore Principal



OUTWOOD Honours Program GRANGE ACADEMIES TRUST

To reward the extraordinary things our students do.







OUTWOOD Honours Program GRANGE ACADEMIES TRUST

Students:

- Self motivated
- Positive contribution to wider life of the school and community
- Support wellbeing of others
- Develop pupil's character





Students First OUTWOOD Honours Program GRANGE ACADEMIES TRUST

Aims:

- Self motivated students, who take ownership
- Positive contribution to wider life of the school and community
- Support wellbeing of others
- Develop pupil's character
- Recognise unique contributions
- Hard work and effort is front and centre





Badges / Awards

A wide range of areas of focus:

- Students can request ANY of the badges, other than:
 - 100% Attendance
 - Principal's Commendation
 - Accelerated Reader badges
- Students can search by year group, or by key words, to find badges that they would like to work towards.
- Students can also give feedback in terms of any badges that they feel are missing!



100k Reader Reached 100,000 Accelerated Reader points



1k Reader Reached 1,000 Accelerated Reader points



500k Reader Reached 500,000 Accelerated Reader points



50k Reader Reached 50,000 Accelerated Reader points



Academy Representative
Proudly represented your



After School Achiever Attended 20 enrichments in a school year



After School Believer Attended 10 enrichments in a school year



After School Succeeder Attended 40 enrichments in a school year



Animal Carer Care of animals



Antibullying Stood against bullying



Aquatic Expert

Delved into the fascinating

world of marine life



Artist Showcased skills in visual arts



Aspiration
Aimed high with big
dreams!



Aspiring Author
Wrote a compelling story



Assembly Ambassador
Helped organise or deliver
a school assembly



Badges / Awards

Star Baker:

- Each badge gives details of how students can achieve the badge.
- Students can click a button to request a badge if they feel that they have achieved the criteria.











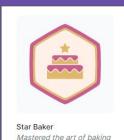
self-discipline

Sign Language Learned Sign Language

Silver ACE Achiever Achieved the Silver ACE

Spiritual Awareness Understanding and growth in spiritual awareness

Sportsperson Represented your sport











ar of the Show one in a school oduction, on stage or

Survival Skills Developed outdoor skills

Teamwork Displayed excellent teamwork skills

Top Effort Received E1 in all subjects on your report



Trust Commendation Received a special trustwide commendation



Tutor Representative Represented your tutor group & voiced their ideas



Tutor Time Star Made a positive impact during tutor time



World Faith Promoted understanding & protection of religious



Young Designer Demonstrated skills in Design & Technology



Students First DUTWOOD Badges / Awards GRANGE ACADEMIES TRUST

Star Baker:

- Each badge gives details of how students can achieve the badge.
- Students can click a button to request a badge if they feel that they have achieved the criteria.



Star Baker

Mastered the art of baking



If you have a passion for baking and want to show off your skills, this badge is for you! The *Star Baker* badge is all about celebrating your knack for baking up scrumptious goodies.

Here are some ways to earn this badge:

- Learn to bake a variety of baked goods, such as cakes, cookies, bread, and pastries
- Experiment with different baking techniques and styles
- Try adapting recipes for different dietary needs, like gluten-free or vegan baking
- Show your creativity by decorating your baked goods with unique designs
- Share your baking knowledge by teaching a friend or family member a new recipe
- Participate in a school or community bake sale or baking competition

Earn your *Star Baker* badge and become the go-to baker for your friends and family. Show off your culinary skills, and make the world a little sweeter, one bake at a time!





OUTWOOD Next Steps:

- Students will be shown how the program works, and be able to start to work towards the badges.
- Staff will be looking through the curriculum for areas where the badges will naturally fit into work completed, so staff can award badges as part of the curriculum.
- Bronze, Silver and Gold ACE badges for students in Year 8 will be block awarded to those who have already awarded these. Students do not need to reapply for these.
- Year 7 and 8 will start with this, and the program will follow the students through the years as they going into Year 9 etc.
- Linking the program to Graduation in Year 9, as well as celebration events for students who achieve key thresholds in terms of number of Honours badges.



Any questions?

