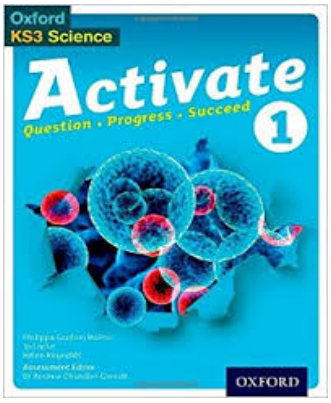
Science Overview



Term: Autumn
Year: 7
Teacher: Ms Fatima Mamache
Textbook title: KS3 Science Activate Book 1

What will we be covering this term?

1st Half Term:

Cells: In this chapter, students will discover what plants and animals are made of. They will also meet tiny organisms that can only be seen under a microscope.

Structure and function of body system: In this chapter, students will explore how different structures work together to keep an organism alive.

2nd Half Term:
Particles and their behaviour: By end of this chapter, students will be to describe what particles are and use a particle model to explain how particles make up substances.

There will be an end of term exam based on what students have covered this half-term.

Teacher's Marking Key:

Mark code	Means …….
SP	Spelling error
//	New paragraph needed
Work underlined	Indicate a word or phrase does not make sense
?	Not clear. Rewrite this section again to improve the expression.
FS	Write in full sentences
EX	Develop your explanation further using scientific keywords.
D	You need to add more detail.
EBI	Even better if
www	What went well
GR	Grammar error
P	Punctuation error

How will my child be assessed this term?

There will be at least 2 assessed pieces this term.

In more detail;

1st *Assessment– Baseline Assessment*

2nd Assessment- Cell & *Structure and function of body system*

At the end of the term there will summative exam that will test their knowledge for what they've covered during the course of the entire term.

How can I help my child in this subject?

- Ensure homework is complete; you can track students' homework assignments at https://www.showmyhomework.co.uk
- Encouragement, praise, ensuring that they do their homework; and checking their student planner.
- Encouraging them to read around the subject.
- Their notes must be in order; discipline is essential.

Resources

Useful Websites

For independent study the following websites are recommended:

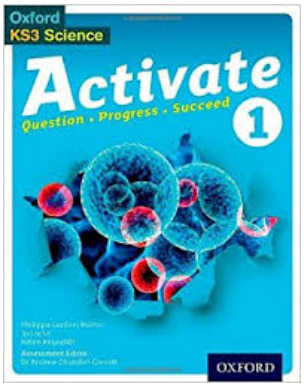
- KS3 Biology: http://www.bbc.co.uk/education/subjects/z4882hv
- KS3 Chemistry: http://www.bbc.co.uk/education/subjects/znxtyrd
- KS3 Physics: http://www.bbc.co.uk/education/subjects/zh2xsbk
- Link 4 science: http://links4science.blogspot.co.uk/

Communications

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact us at the school from 9.00-15:00 if you have any questions or concerns or contact me by email fatima.mamache@alkhairschool.org.uk.

Science Overview



Term: Spring
Year: 7
Teacher: Ms Fatima Mamache
Textbook title: KS3 Science Activate Book 1

What will we be covering this term?

1st Half Term:
Forces: In this chapter, students will learn about the forces that keep them falling through the floor and allow astronauts to stand on the moon.

Sound and Light: They will learn about how they see, how light and sound waves behaves.

2nd Half Term:
Elements, atoms and compounds: In this chapter, students will learn about the atoms that make up everything on Earth and beyond.

Reactions: In this chapter, students will explore how chemical reaction make vital materials, and transfer energy for almost everything we do.

There will be an end of term exam based on what students have covered this half-term.

Teacher's Marking Key:

Mark code	Means …….
SP	Spelling error
//	New paragraph needed
Work underlined	Indicate a word or phrase does not make sense
?	Not clear. Rewrite this section again to improve the expression.
FS	Write in full sentences
EX	Develop your explanation further using scientific keywords.
D	You need to add more detail.
EBI	Even better if
www	What went well
GR	Grammar error
P	Punctuation error

2019-20

How will my child be assessed this term?

There will be at least 2 assessed pieces this term.

In more detail;

1st Assessment– Forces & *Sound* and Light

2nd Assessment- Elements, atoms and compounds

At the end of the term there will summative exam that will test their knowledge for what they've covered during the course of the entire term.

How can I help my child in this subject?

- Ensure homework is complete; you can track students' homework assignments at https://www.showmyhomework.co.uk
- Encouragement, praise, ensuring that they do their homework; and checking their student planner.
- Encouraging them to read around the subject.
- Their notes must be in order; discipline is essential.

Resources

Useful Websites

For independent study the following websites are recommended:

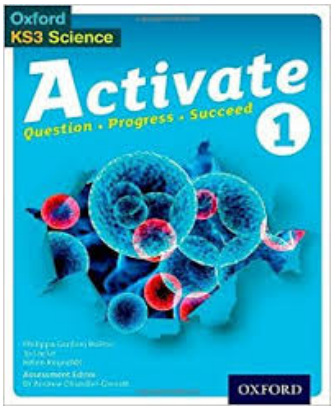
- KS3 Biology: http://www.bbc.co.uk/education/subjects/z4882hv
- KS3 Chemistry: http://www.bbc.co.uk/education/subjects/znxtyrd
- KS3 Physics: http://www.bbc.co.uk/education/subjects/zh2xsbk
- Link 4 science: http://links4science.blogspot.co.uk/

Communications

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact us at the school from 9.00-15:00 if you have any questions or concerns or contact me by email fatima.mamache@alkhairschool.org.uk.

Science Overview



Term: Summer
Year: 7
Teacher: Ms Fatima Mamache
Textbook title: KS3 Science Activate Book 1

What will we be covering this term?

1st Half Term:

Acids and alkalis: Students will learn about acids and alkalis as classes of chemicals with distinct properties and uses. By the end of this unit they will be able to use indicators to classify solutions as acidic, alkaline or neutral.

Space: *In this chapter, the students will learn about the place of the Earth in the Universe.*

2nd Half Term:

Plant Reproduction: The students will discover how new plants are created through the process of reproduction.

There will be an end of term exam based on what students have covered this half-term.

Teacher's Marking Key:

Mark code	Means …….
SP	Spelling error
//	New paragraph needed
Work underlined	Indicate a word or phrase does not make sense
?	Not clear. Rewrite this section again to improve the expression.
FS	Write in full sentences
EX	Develop your explanation further using scientific keywords.
D	You need to add more detail.
EBI	Even better if
www	What went well
GR	Grammar error
P	Punctuation error

How will my child be assessed this term?

There will be at least 2 assessed pieces this term.

In more detail;

1st Assessment– Acids and alkalis

2nd Assessment- Space & Plant Reproduction

At the end of the term there will summative exam that will test their knowledge for what they've covered during the course of the entire term.

How can I help my child in this subject?

- Ensure homework is complete; you can track students' homework assignments at https://www.showmyhomework.co.uk
- Encouragement, praise, ensuring that they do their homework; and checking their student planner.
- Encouraging them to read around the subject.
- Their notes must be in order; discipline is essential.

Resources

Useful Websites

For independent study the following websites are recommended:

- KS3 Biology: http://www.bbc.co.uk/education/subjects/z4882hv
- KS3 Chemistry: http://www.bbc.co.uk/education/subjects/znxtyrd
- KS3 Physics: http://www.bbc.co.uk/education/subjects/zh2xsbk
- Link 4 science: http://links4science.blogspot.co.uk/

Communications

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact us at the school from 9.00-15:00 if you have any questions or concerns or contact me by email fatima.mamache@alkhairschool.org.uk.