



TEACHING TREE ACADEMY  
PLANTING THE SEEDS OF KNOWLEDGE

# PROGRAM OF STUDY

2020 - 2021

## NB

The program of study is only a guideline and may be subject to change depending on the student's needs. Where possible we will try to stick to the schedule.

## Maths Key stage 3 and 4

Week	Date	Topic
-	05/09/20	Taster session
1	12/09/20	Numbers
2	19/09/20	Numbers
3	26/09/20	Numbers – inc. topic test
4	03/10/20	Algebra
5	10/10/20	Algebra
<b>CLOSED 17/10/20 to 24/10/20</b>		
6	31/10/20	Algebra
7	07/11/20	Algebra
8	14/11/20	Algebra
9	21/11/20	Algebra
10	28/11/20	Algebra – inc. topic test
11	05/12/20	Ratios, proportion and rates of change
12	12/12/20	Ratios, proportion and rates of change
<b>CLOSED 19/12/20 to 02/01/21</b>		
13	09/01/21	Ratios, proportion and rates of change
14	16/01/21	Ratios, proportion and rates of change – inc. topic test
15	23/01/21	Geometry and measures
16	30/01/21	Geometry and measures
17	06/02/21	Geometry and measures
<b>CLOSED 13/02/21 to 20/02/21</b>		
18	27/02/21	Geometry and measures
19	06/03/21	Geometry and measures
20	13/03/21	Geometry and measures – inc. topic test
21	20/03/21	Trigonometry
<b>CLOSED 27/03/21 to 10/04/21</b>		
22	17/04/21	Trigonometry
23	24/04/21	Trigonometry – inc. topic test
24	01/05/21	Statistics and probability
25	08/05/21	Statistics and probability
26	15/05/21	Statistics and probability – inc. topic test
27	22/05/21	Past papers
<b>CLOSED 29/05/21 to 05/05/21</b>		
28	12/06/21	Past papers
29	19/06/21	Past papers
30	26/06/21	Past papers
31	03/07/21	Past papers

## Science Key stage 3 and 4

Week	Date	Topic
-	05/09/20	Taster session
1	12/09/20	The topics for Chemistry are the core areas that cover all exam boards but in addition would help student wishing to pursue a career in chemical engineering medicine: <ul style="list-style-type: none"> <li>• Atomic structure and the periodic table</li> <li>• Bonding, structure and the properties of matter</li> <li>• Quantitative chemistry</li> <li>• Chemical changes</li> <li>• Organic chemistry</li> </ul>
2	19/09/20	
3	26/09/20	
4	03/10/20	
5	10/10/20	
<b>CLOSED 17/10/20 to 24/10/20</b>		
6	31/10/20	The topics for Physics are the core areas that cover all exam boards but in addition would help student wishing to pursue a career in mechanical or electrical engineering: <ul style="list-style-type: none"> <li>• Energy</li> <li>• Electricity</li> <li>• Forces</li> </ul>
7	07/11/20	
8	14/11/20	
9	21/11/20	
10	28/11/20	
11	05/12/20	
12	12/12/20	
<b>CLOSED 19/12/20 to 02/01/21</b>		
13	09/01/21	The topics for Biology are the core areas that cover all exam boards but in addition would help student wishing to pursue a career in medicine, pharmacy and Allied medical professions: <ul style="list-style-type: none"> <li>• Cell biology.</li> <li>• Organisation and systems</li> <li>• Infection and response</li> <li>*Homeostasis and response (co-ordination and control)</li> </ul>
14	16/01/21	
15	23/01/21	
16	30/01/21	
17	06/02/21	
<b>CLOSED 13/02/21 to 20/02/21</b>		
18	27/02/21	Mixed topics specific exam practice
19	06/03/21	
20	13/03/21	
21	20/03/21	
<b>CLOSED 27/03/21 to 10/04/21</b>		
22	17/04/21	Mixed topics specific exam practice
23	24/04/21	
24	01/05/21	
25	08/05/21	
26	15/05/21	
27	22/05/21	
<b>CLOSED 29/05/21 to 05/05/21</b>		
28	12/06/21	Mixed topics specific exam practice
29	19/06/21	
30	26/06/21	
31	03/07/21	

## English Key stage 3 and 4

Week	Date	Topic	Focus for GCSE
-	05/09/20	Taster session	
1	12/09/20	<b>Types of words:</b> nouns and verbs <b>Types of words:</b> adjectives and adverbs	A focus on effective use of types of words e.g.: persuasive methods, creative writing purposes etc
2	19/09/20	<b>Types of words:</b> using singular plural	
3	26/09/20	<b>RECAP OVER PREVIOUS WEEKS/ TEST</b>	
4	03/10/20	<b>Grammar:</b> reading and writing sentences <b>Grammar:</b> phrases and clauses	
5	10/10/20	<b>Grammar:</b> writing paragraphs and connectives	Focus on PEED and PEE structure for exam use
<b>CLOSED 17/10/20 to 24/10/20</b>			
6	31/10/20	<b>RECAP OVER PREVIOUS WEEKS/ TEST</b>	
7	07/11/20	<b>Confusing words:</b> practice/practise, advice/advise, affect/effect, passed, past, to/too/two, off/of, 'did' or 'done', 'saw' or 'seen', 'them' or 'those', words with 'ei' or 'ie'	
8	14/11/20	<b>Writing:</b> writing questions <b>Writing:</b> using quotes in texts	Emphasis on PEED and PEE structure
9	21/11/20	<b>RECAP OVER PREVIOUS WEEKS/ TEST</b>	
10	28/11/20	<b>Shakespeare:</b> understanding Shakespeare's language	Focus on hidden meaning and analysis of language
11	05/12/20	<b>Shakespeare:</b> answering questions	
12	12/12/20	<b>Shakespeare:</b> understanding the characters	Putting this into exam context
<b>CLOSED 19/12/20 to 02/01/21</b>			
13	09/01/21	<b>RECAP OVER PREVIOUS WEEKS/ TEST</b>	
14	16/01/21	<b>Paragraphs:</b> starting and ending a paragraph <b>Types of text:</b> fact, fiction and non-fiction	Starting sentences for various exam questions
15	23/01/21	<b>Writing:</b> planning before you write	
16	30/01/21	<b>Writing:</b> writing a story	Focus on creative technique highlighted by GCSE exam boards
17	06/02/21	<b>Writing:</b> writing a speech	
<b>CLOSED 13/02/21 to 20/02/21</b>			
18	27/02/21	<b>Writing:</b> writing a formal letter	
19	06/03/21	<b>Writing:</b> writing for a newspaper	
20	13/03/21	<b>Writing:</b> writing a CV/ Biography	

<b>21</b>	20/03/21	<b>RECAP OVER PREVIOUS WEEKS/TESTS</b>	
<b>CLOSED 27/03/21 to 10/04/21</b>			
<b>22</b>	17/04/21	<b>Writing:</b> writing a leaflet or poster	
<b>23</b>	24/04/21	<b>Writing:</b> persuasive writing and exaggerating	
<b>24</b>	01/05/21	<b>RECAP OVER PREVIOUS WEEKS/TESTS</b>	
<b>25</b>	08/05/21	<b>Discussions and debates:</b> a topic of interest	
<b>26</b>	15/05/21	<b>Discussions and debates:</b> a topic of interest	
<b>27</b>	22/05/21	<b>Reading:</b> skim reading and scanning	Guide on underlining relevant and important info that can be used in exam answers
<b>CLOSED 29/05/21 to 05/05/21</b>			
<b>28</b>	12/06/21	<b>Reading:</b> understanding the question and answering it in full	
<b>29</b>	19/06/21	<b>Reading:</b> understanding the question and answering it in full	
<b>30</b>	26/06/21	<b>Reading/ writing test</b>	
<b>31</b>	03/07/21	<b>Poetry:</b> verse, chorus and stanza, syllables <b>Poetry: types of poetry</b> – jingles and nonsense poems, calligrams and shape poems	Higher focus on poetic meanings, symbols etc to develop analysis