Resources for BC Math 10

Tracking and Information Booklet

As you work through the modules, check off the elements you have completed. Time is shown in minutes and seconds (5:00 is 5 minutes) or in hours, minutes and seconds (1:30:00 is 1 hour and 30 minutes).

Complete	Module	Suggested Total Time	Actual Total Time
	00	36:00 + optional	
	01	7:04:00 + optional	
	02	20:47:00 + optional	
	03		
	04		
	05		

Module 00 - How to Use this Resource

Complete	Number	Description	Suggested Time	Actual Time
	00.01.00	Where do I start?	1:00	
	00.01.01	How long will it take?	1:00	
	00.01.02	What level of understanding will I gain?	1:00	
	00.01.03	How can I best make use of the videos?	6:00	
	00.01.04	What is the difference between Hints and Keys	1:00	
	00.01.05	Do I need to document my learning	1:00 + optional 2:00	
	00.01.06	What is the Tracking and Information Booklet?	2:00	
	00.01.07	How is my privacy protected?	1:00	
	00.01.08	How can I maximize my efforts?	2:00 Read	
			20:00 Task	
	Module 00	**TOTAL**	36:00 + 2:00	

Comments:

Module 01 - Numerical Reasoning

Module	Suggested Subtotal	Your Subtotal
01.01	51:00	
01.02	2:02:00	
01.03	17:00 + 1:30.00 Optional	
01.04	47:00	
01.05	3:07:00 + 17:00 Optional	
TOTAL Module 01	7:04:00 + Optional	

Post 01.01

Complete	Number	Description	Suggested Time	Actual Time
	01.01.00	What do I need to review?		
	01.01.01	How well do I know my basic math?	1:00 Read	
			20:00 Games	
	01.01.02	How can I learn more about squares and cubes?	10:00 Read	
	01.01.03	How can I review order of operations?	20:00 Read and Play	
	Module 01.01	**SUB - TOTAL**	51:00 + Optional	

Evidence Suggestions:
- Screen shot of 01.01.03 complete

Comments:

Post 01.02

Complete	Number	Description	Suggested Time	Actual Time
	01.02.00	How does the Wizarding World financial system compare to the rest of the world		
	01.02.01	How do Wizarding World currencies compare?	1:00 Read 15:00 Task	
	01.02.02	How do Wizarding World currencies compare with Muggle currencies?	1:00 Read 15:00 Task	
	01.02.03	How can I easily show the comparative value of individual currencies?	1:00 Read 10:00 Task	
	01.02.04	When can students go to Hogsmeade?	1:00 Read 25:00 Tasks	
	01.02.05	How do I decide on tips and dividing shared meals?	1:00 Read 10:00 Task	
	01.02.06	What is gross and net pay?	20:00 Read	
	01.02.07	Can I afford Hogwarts school supplies?	2:00 Read 20:00 Task	
	Module 01.02	**SUB - TOTAL**	2:02:00 + Optional	

Evidence Suggestions:
- Screen shot of 01.02.05 complete

Comments:

Post 01.03

Complete	Number	Description	Suggested Time	Actual Time
	01.03.00	How can I make sure I snorkel and dive safely?	5:00 Read	
	01.03.01	Is this dive safe?	2:00 Task 1:30:00 optional practice	
	01.03.02	Arithmetic sequences	10:00 Task	
	Module 01.03	**SUB - TOTAL**	17:00 + 1:30.00 Optional	

Comments:

Post 01.04

Complete	Number	Description	Suggested Time	Actual Time
	01.04.00	How do I think like a mathematician?	5:00 Read	
	01.04.01	What is the Golden Ratio?	1:00 Read 20:00 Task	
	01.04.02	How do I convert decimals to fractions?	1:00 Read 20:00 Task	
	Module 01.04	**SUB - TOTAL**	47:00	

Evidence Suggestions:
-   Attach copy of your 01.04.02 complete

Comments:

Post 01.05

Complete	Number	Description	Suggested Time	Actual Time
	01.05.00	How can I calculate a project's supplies accurately?	5:00 Read	
	01.05.01	What types of numbers are used to be exact?	1:00 Read	
		Bahamian webpage	15:00	
		Khan Academy video & exercises	15:00	
		Flexbook	15:00	
		MyWhyU video	9:00	
		What are surds and radicals?	1:00 Read	
		Learning about surds and radicals	15:00 (options)	
		Learning how to simplify entire radicals to mixed radicals	12:00 + 17:00 optional	
		Learning how to write a mixed radical as an entire radical	6:00 video	
		Learning to add and subtract radicals	4:00 (options)	
		Learning to multiply and divide radicals	6:00 (options)	
		Practicing	1:00:00 + option for more	
	01.05.02	How can I calculate a project's supplies accurately?	3:00 Read 20:00 Task	
	Module 01.05	**SUB - TOTAL**	3:07:00 + 17:00 optional	

Evidence Suggestions:
- Copies of practice worksheets from 01.05.01 completed
- Screenshots of completed Kahoots

- Copy of completed 01.05.02

Comments:

Module 02 - Abstract Reasoning

Module	Suggested Subtotal	Your Subtotal
02.01	1:41:00 + Optional	
02.02	5:49:00 + optional	
02.03	5:00:00 + optional	
02.04	4:54:00 + optional 2:16:00 videos	
02.05	3:23:00 + optional	
TOTAL Module 02	20:47:00 + optional	

Post 02.01

Complete	Number	Description	Suggested Time	Actual Time
	02.01.00	Why is algebra important?	1:00 Read	
		Origin of algebra	25:00 video	
		Mars rover parachute	10:00 read	
		Binary code activity	20:00 task	
		Simple algebra questions	10:00 task	
		More complex algebra questions	15:00 task	
		Challenging algebra questions	20:00 task	
		Algebra practice	optional	
	Module 02.01	**SUB - TOTAL**	1:41:00 + Optional	

Comments:

Post 02.02

Complete	Number	Description	Suggested Time	Actual Time
	02.02.00	How can I create a model of something that is very large?	3:00 Read 7:00 video	
	02.02.01	What do I remember about exponents?	20:00 task	
	02.02.02	What do I remember about exponent properties/laws/rules?	30:00 task or read	
	02.02.03	Am I confident using exponents in calculating money matters?	5:00 read	
		$1000 a week for life or a million now?	30:00 task	
		Chain letters	20:00 task	
		Exponent Review games	1-3 hours practice	
	02.02.04	How are old items dated?	1:00 read, 10:00 task	
		Investigation between fractional exponents and radicals	1:00 read, 30:00 task	
		Practice using fractional exponents and radicals	1:00 read, 30:00 practice	
		Investigation about basic logarithms	20:00 task	
	02.02.05	How do I make a model of the solar system?	1:00 read,1 hr practice, 20:00 task	
	Module 02.02	**SUB - TOTAL**	5:49:00 + optional	

Evidence Suggestions:
- Copy of completed 02.02.01
- Copy of completed 02.02.02
- Copy of completed 02.02.03 $1000 a week for life or a million now
- Copy of completed 02.02.03 Chain letters
- Copies of completed worksheets or screen shots of quizzes from 02.02.03 practice
- Copy of 02.02.04 investigation on relationship between fractional exponents and radicals
- Copy of 02.02.04 investigation on basic logarithms.

- Copy of solution to 02.02.04 how old is the fossil
- Any practice completed on worksheets for 02.02.05
- Copy of 02.02.05 Model of Solar System

Comments:

Post 02.03

Complete	Number	Description	Suggested Time	Actual Time
	02.03.00	How do I solve more complex problems mathematically?	5:00 App exploration	
			10:00 Read Prezi	
			10:00 Video	
	02.03.01	What do I already know about polynomials?	1:00 Read 10:00 Practice	
	02.03.02	What are polynomial expressions?	1:00 Read	
		What is the definition of polynomial expressions?	10:00 investigation	
		What is the degree of a polynomial expression?	10:00 investigation	
		Why is knowing the degree important?	10:00 practice	
	02.03.03	How do I multiply polynomials like in the Geogebra introductory activity?	1:00 Read	
		Khan academy videos and exercises	40:00	
		OwlCation article and exercises	40:00	
		NCTM Algebra Tiles	20:00 twice	
		Special Products on Khan Academy	20:00	
		MathBitsNotebook practice	20:00	
		Further practice - online calculator	40:00	
	02.03.04	How do you calculate gardening needs?	2:00 Read 20:00 task	
	02.03.05	How would I do on a polynomial test?	30:00 task	
	Module 02.03	**SUB - TOTAL**	5:00:00	

Comments:

Post 02.04

Complete	Number	Description	Suggested Time	Actual Time
	02.04.00	How is online data and credit card information kept safe?	1:00 Read	
	02.04.01	Can I code and decode?	20:00 Read and Task	
	02.04.02	How does cryptography keep my information safe?	12:00 Read	
	02.04.03	How can I keep my information safe?	1:00 Read	
		Factoring Quadratics a=1 Investigation	40:00 Task	
		Factoring Quadratics a≠1 Investigation	40:00 Task	
		Practice factoring - assorted	3:00:00 Practice + optional videos	
	Module 02.04	**SUB - TOTAL**	4:54:00 + optional 2:16:00 videos	

Comments:

Post 02.05

Complete	Number	Description	Suggested Time	Actual Time
	02.05.00	How is interest calculated?	8:00 Read	
		Calculate Interest	10:00 Task	
		Arithmetic and Geometric Sequences	20:00 Read & Activity	
	02.05.01	What investing plan is best?	2:00 Read	
			1:00:00 Read & Practice	
			20:00 Task	
	02.05.02	Is it better to lease or buy a car?	3:00 Read	
			1:00:00 Read & Practice	
			20:00 Task	
		Nth Term Rules or 2048 game	optional	
	Module 02.05	**SUB - TOTAL**	3:23:00 + optional	

Comments: