



# **STEM Education**

## **Secondary School**

### **Time Tables**

@NSC 2020

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# General STEM – Junior Secondary Time Table

## A. STEM Curriculum Time Table for Junior Secondary

### 1. General STEM Curriculum at Junior Secondary Level

Combination 1: General STEM Curriculum						
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday
07:00	1	Moming Assembly	Social Studies	Integrated Science 3	Mathematics	Religious Education
07:40	2	Religious Education	Social Studies	Integrated Science 3	Mathematics	Religious Education
08:20	3	Business Studies	Mathematics	Mathematics	Business Studies	English
09:00	4	Business Studies	Mathematics	Mathematics	Business Studies	English
<b>Short Break 20 min</b>						
10:00	5	Integrated Science 1	Computer Science	English	English	Integrated Science 2
10:40	6	Integrated Science 1	Computer Science	English	English	Integrated Science 2
11:20	7	Social Studies	Religious Education	Computer Science	Social Studies	Computer Science
12:00	8	Social Studies	Religious Education	Computer Science	Social Studies	Computer Science
<b>Lunch Break 80 minutes</b>						
14:00	9	Research	Business Studies	Research	Computer Science	Laboratory
14:40	10	Research	Business Studies	Research	Computer Science	Laboratory
15:20-17:00	11					

# General STEM –Junior Secondary Time Table



Grade 8 - 9 General STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Social studies	6
3.	Business Studies	6
4.	Religious Education	5
5.	Computer Science	8
6.	Mathematics	6
7.	Integrated science 1	2
8.	Integrated science 2	2
9.	Integrated science 3	2
10.	Laboratory	2
11.	Research	4

**Note:**

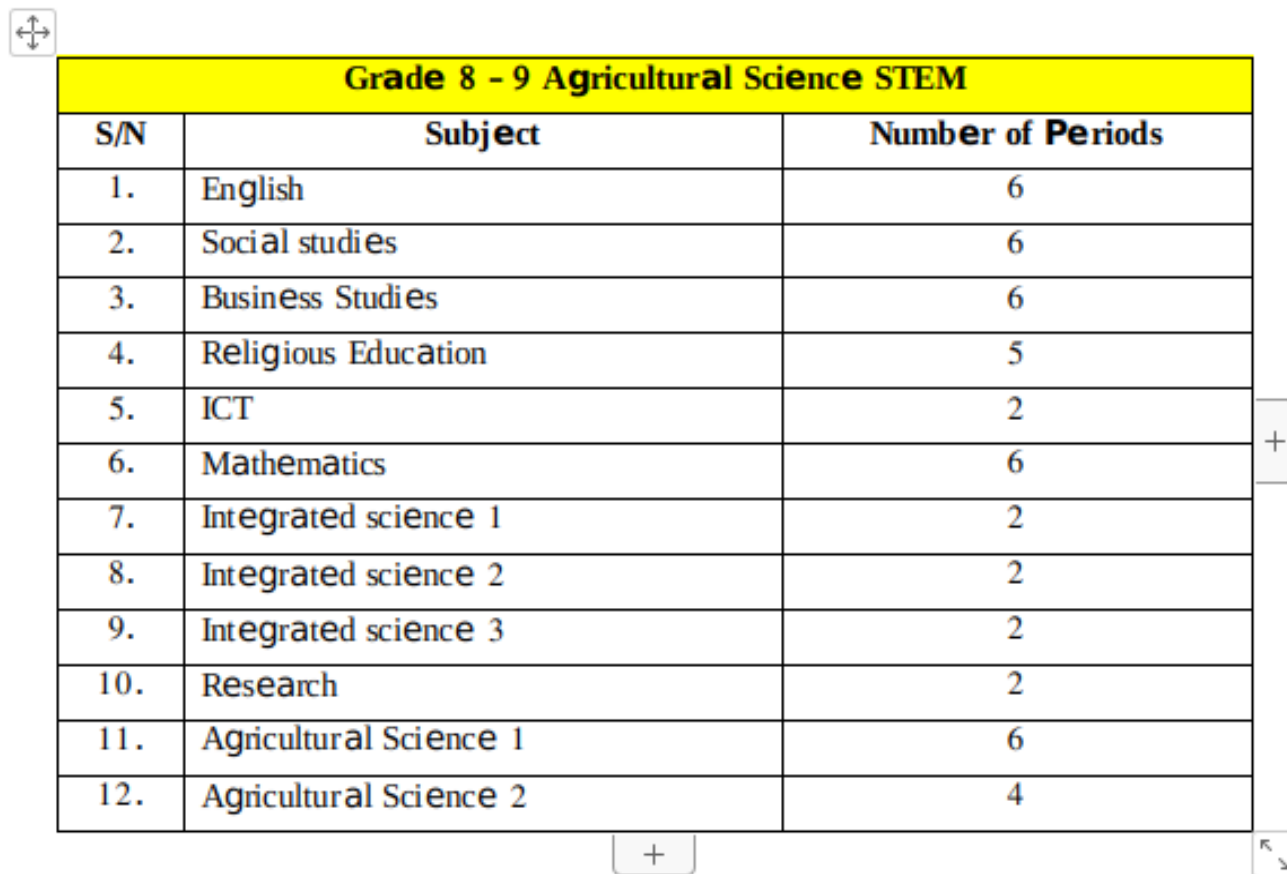
1. The Junior Secondary School General STEM career pathway has 7 examinable subjects.
2. Biology, Chemistry and Physics referred to as integrated science 1, 2 and 3 respectively will be examined as one subject
3. During Laboratory learners catch up on practicals in mathematics, computer science or science

# Agricultural STEM – Junior Secondary Time Table

## 2. Agricultural STEM Curriculum at Junior Secondary Level

		Combination 2: Agricultural STEM Curriculum				
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday
07:00	1	Morning Assembly	Agricultural Science 2	Integrated Science 2	Mathematics	Business Studies
07:40	2	Religious Education	Agricultural Science 2	Integrated Science 2	Mathematics	Business Studies
08:20	3	Business Studies	Mathematics	Agricultural Science 1	Social Studies	English
09:00	4	Business Studies	Mathematics	Agricultural Science 1	Social Studies	English
<b>Short Break 20 min</b>						
10:00	5	Agricultural Science 1	Integrated Science 1	English	Agricultural Science 1	Integrated Science 3
10:40	6	Agricultural Science 1	Integrated Science 1	English	Agricultural Science 1	Integrated Science 3
11:20	7	Mathematics	Religious Education	Social Studies	English	Agricultural Science 2
12:00	8	Mathematics	Religious Education	Social Studies	English	Agricultural Science 2
<b>Lunch Break 80 min</b>						
14:00	9	ICT	Social Studies	Business Studies	Religious Education	Research
14:40	10	ICT	Social Studies	Business Studies	Religious Education	Research
15:20-17:00						

# Agricultural STEM – Junior Secondary Time Table



Grade 8 - 9 Agricultural Science STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Social studies	6
3.	Business Studies	6
4.	Religious Education	5
5.	ICT	2
6.	Mathematics	6
7.	Integrated science 1	2
8.	Integrated science 2	2
9.	Integrated science 3	2
10.	Research	2
11.	Agricultural Science 1	6
12.	Agricultural Science 2	4

Note:

1. The Junior Secondary School Agricultural STEM career pathway has 7 examinable subjects. In this career pathway Agricultural science has more periods.
2. Biology, Chemistry and Physics referred to as integrated science 1, 2 and 3 respectively will be examined as one subject
3. Agricultural science 1 and 2 are plants; Horticultural crops and animal Husbandry respectively will be examined collectively as Agricultural science

# Technological STEM – Junior Secondary Time Table

## 3. Technological STEM Curriculum at Junior Secondary Level

Combination 3: Technological STEM Curriculum						
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday
07:00	1	Morning Assembly	Computer Science	Design & Technology	Mathematics	Computer Science
07:40	2	Religious Education	Computer Science	Design & Technology	Mathematics	Computer Science
08:20	3	Computer Science	Design & Technology	Mathematics	Social Studies	English
09:00	4	Computer Science	Design & Technology	Mathematics	Social Studies	English
<b>Short Break 20 min</b>						
10:00	5	Design & Technology	Integrated Science 2	Religious Education	English	Social Studies
10:40	6	Design & Technology	Integrated Science 2	Religious Education	English	Social Studies
11:20	7	Mathematics	Social Studies	Integrated Science 3	Design & Technology	Design & Technology
12:00	8	Mathematics	Social Studies	Integrated Science 3	Design & Technology	Design & Technology
<b>Lunch Break 80 min</b>						
14:00	9	English	Religious Education	Computer Science	Integrated Science 1	Research
14:40	10	English	Religious Education	Computer Science	Integrated Science 1	Research
15:20-17:00	11					

# Technological STEM – Junior Secondary Time Table

Grade 8 - 9 Technological STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Social studies	6
3.	Business Studies	6
4.	Religious Education	5
5.	Computer Science	8
6.	Mathematics	6
7.	Integrated science 1	2
8.	Integrated science 2	2
9.	Integrated science 3	2
10.	Research	2
11.	Design and Technology	10

Note:

1. The junior secondary school Technological STEM career pathway has 7 examinable subjects.
2. In this career pathway Design and Technology and Computer Science have more periods (10 and 8 respectively).

# Hospitality and Tourism STEM – Junior Secondary Time Table

## 4. Hospitality and Tourism STEM Curriculum at Junior Secondary Level

Combination 4: Hospitality and Tourism STEM Curriculum						
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday
07:00	1	Moming Assembly	English	Integrated Science 2	Math	Hospitality & Tourism 1
07:40	2	Religious Education	English	Integrated Science 2	Math	Hospitality & Tourism 1
08:20	3	Business Studies	Hospitality & Tourism 2	Math	Social Studies	English
09:00	4	Business Studies	Hospitality & Tourism 2	Math	Social Studies	English
09:40		<b>Short Break 20 min</b>				
10:00	5	Hospitality & Tourism 1	Integrated Science 3	Religious Education	English	Social Studies
10:40	6	Hospitality & Tourism 1	Integrated Science 3	Religious Education	English	Social Studies
11:20	7	Math	Religious Education	Hospitality & Tourism 3	Integrated Science 1	Business Studies
12:00	8	Math	Religious Education	Hospitality & Tourism 3	Integrated Science 1	Business Studies
12:40		<b>Lunch Break 80 min</b>				
14:00	9	ICT	Social Studies	Business Studies	Hospitality & Tourism 4	Research
14:40	10	ICT	Social Studies	Business Studies	Hospitality & Tourism 4	Research
15:20-17:00	11					



# Hospitality and Tourism STEM –Junior Secondary Time Table

Grade 8 - 9 Hospitality and Tourism STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Social studies	6
3.	Business Studies	6
4.	Religious Education	5
5.	ICT	2
6.	Mathematics	6
7.	Integrated science 1	2
8.	Integrated science 2	2
9.	Integrated science 3	2
10.	Research	2
11.	Hospitality and Tourism 1	4
12.	Hospitality and Tourism 2	2
13.	Hospitality and Tourism 3	2
14.	Hospitality and Tourism 4	2

Note:

1. The Junior Secondary School Tourism and Hospitality STEM career pathway has 7 examinable subjects.
2. In this career pathway, Hospitality and Tourism has more periods (10) and will be taught as hospitality and Tourism 1,2,3 and 4 which are food & nutrition, Home Management, fabric and fashion and Tourism respectively.

# General STEM –Senior Secondary Time Table

## 1. General STEM Curriculum at Senior Secondary Level

Combination 1: General STEM Curriculum						
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday
7:00-	1	Morning Assembly	English	Chemistry	GS Mathematics	Computer Science
7:40-	2	RE /Civic Education	English	Chemistry	GS Mathematics	Computer Science
8:20-	3	Physics	Biology	GS Mathematics	Computer Science	English
9:00-	4	Physics	Biology	GS Mathematics	Computer Science	English
<b>Short Break 20 min</b>						
10:00-	5	Biology	GS Mathematics	RE /Civic Education	English	Chemistry
10:40-	6	Biology	GS Mathematics	RE /Civic Education	English	Chemistry
11:20	7	GS Mathematics	RE /Civic Education	Computer Science	Physics	Research
12:00	8	GS Mathematics	RE /Civic Education	Computer Science	Physics	Research
<b>Lunch Break 80 min</b>						
14:00-	9	Computer Science	Chemistry	Physics	Biology	Laboratory
14:40-	10	Computer Science	Chemistry	Physics	Biology	Laboratory
15:20- 17:00	11					

# General STEM –Senior Secondary Time Table

Grade 10- 12 General STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Religious /Civic Education	5
3..	Computer Science	8
4.	GS Mathematics	8
5.	Biology	6
6.	Chemistry	6
7.	Physics	6
8.	Research	2
9.	Laboratory	2

Note:

1. The Senior Secondary School general STEM career pathway has 8 examinable subjects including Computer Science. However, learners will only be allowed to take 7 subjects (choose between Religious Education and Civic Education)

# Agricultural STEM –Senior Secondary Time Table

## 2. Agricultural STEM Curriculum at Senior Secondary Level

Combination 2: Agricultural STEM Curriculum						
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday
7:00-	1	Morning Assembly	English	Chemistry	Mathematics	Biology
7:40-	2	RE /Civic Education	English	Chemistry	Mathematics	Biology
8:20-	3	Physics	Agricultural Science	Mathematics	RE/Civic Education	English
9:00-	4	Physics	Agricultural Science	Mathematics	RE/Civic Education	English
<b>Short Break 20 min</b>						
10:00-	5	Agricultural Science	Biology	Agricultural Science	English	Chemistry
10:40-	6	Agricultural Science	Biology	Agricultural Science	English	Chemistry
11:20	7	Mathematics	RE/Civic Education	Biology	Physics	Agricultural Science
12:00	8	Mathematics	RE/Civic Education	Biology	Physics	Agricultural Science
<b>Lunch Break</b>						
14:00-	9	ICT			Agricultural Science	Research
14:40-	10	ICT	Chemistry	Physics	Agricultural Science	Research
15:20- 17:00	11					

# Agricultural STEM –Senior Secondary Time Table

Grade 10 – 12 Agricultural Science STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Religious /Civic Education	5
3.	ICT	2
4.	Mathematics	6
5.	Biology	6
6.	Chemistry	6
7.	Physics	6
8.	Research	2
9.	Agricultural Science 1	6
10.	Agricultural Science 2	4

## Note:

1. The Senior Agricultural STEM career pathway has 8 examinable subjects. However, learners will only be allowed to take 7 subjects (choose between Religious Education and Civic Education)
2. In this career pathway Agricultural science has more periods
3. Agricultural science 1 and 2 are plants; Horticultural crops and animal Husbandry respectively will be examined collectively as Agricultural science
4. For research under the Agricultural STEM curriculum to be done in the research rooms.

# Technological STEM –Senior Secondary Time Table

## 3. Technological STEM Curriculum at Senior Secondary Level

		Combination 3: Technological STEM Curriculum				
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday
7:00-	1	Morning Assembly	English	Mathematics	Computer Science	Design & Technology 1/2/3
7:40-	2	RE/Civic Education	English	Mathematics	Computer Science	Design & Technology 1/2/3
8:20-	3	Physics	Design & Technology 1/2/3	Chemistry	Mathematics	English
9:00-	4	Physics	Design & Technology 1/2/3	Chemistry	Mathematics	English
<b>Short Break 20 min</b>						
10:00-	5	Design & Technology 1/2/3	Computer Science	Design & Technology 1/2/3	RE/Civic Education	Chemistry
10:40-	6	Design & Technology 1/2/3	Computer Science	Design & Technology 1/2/3	RE/Civic Education	Chemistry
11:20	7	Mathematics	RE/Civic Education	English	Physics	Computer Science
12:00	8	Mathematics	RE/Civic Education	English	Physics	Computer Science
<b>Lunch Break 80 min</b>						
14:00-	9	Computer Science	Chemistry	Physics	Design & Technology 1/2/3	Research
14:40-	10	Computer Science	Chemistry	Physics	Design & Technology 1/2/3	Research
15:20- 17:00	11					

# Technological STEM –Senior Secondary Time Table

Grade 10 - 12 Technological STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Religious /Civic Education	5
3.	Computer Science	8
4.	Mathematics	6
5.	Chemistry	6
6.	Physics	6
7.	Research	2
8.	Design and Technology 1/2/3	10

Note:

1. The Senior Secondary School Technological STEM career pathway has 8 examinable subjects. However, learners will only be allowed to take 7 subjects (choose between Religious Education and Civic Education)
2. In this career pathway Design and Technology has more periods (10) followed by Computer Science (8).
3. Design and Technology has been realigned into three learning areas: Design &Technology - Graphic communication, Design &Technology - Designing and manufacturing and Design &Technology - Systems and Construction Technology.
4. Learners will choose an area of specialisation, either Design &Technology 1, Design &Technology 2 or Design &Technology 3.

# Hospitality and Tourism STEM –Senior Secondary Time Table

## 4. Hospitality and Tourism STEM Curriculum at Senior Secondary Level

		Combination 4: Hospitality and Tourism STEM Curriculum					
Time	Period	Monday	Tuesday	Wednesday	Thursday	Friday	
7:00 7:40	1	Morning Assembly	English	Mathematics	Biology	Chemistry	
7:40 -	2	RE/Civic Education	English	Mathematics	Biology	Chemistry	
8:20 -	3	Physics	Hospitality & Tourism 2	Chemistry	Mathematics	English	
9:00 -	4	Physics	Hospitality & Tourism 2	Chemistry	Mathematics	English	
9:40		<b>Short Break 20 min</b>					
10:00 -	5	Hospitality & Tourism 3	Biology	Hospitality & Tourism 4	RE/Civic Education	Hospitality & Tourism 1	
10:40-	6	Hospitality & Tourism 3	Biology	Hospitality & Tourism 4	RE/Civic Education	Hospitality & Tourism 1	
11:20	7	Mathematics	RE/Civic Education	English	Physics	Biology	
12:00	8	Mathematics	RE/Civic Education	English	Physics	Biology	
		<b>Lunch Break 80 min</b>					
14:00-	9	ICT	Chemistry	Physics	Hospitality & Tourism 1	Research	
14:40-	10	ICT	Chemistry	Physics	Hospitality & Tourism 1	Research	
15:20- 17:00	11						



# Hospitality and Tourism STEM –Senior Secondary Time Table

Grade 10 – 12 Hospitality and Tourism STEM		
S/N	Subject	Number of Periods
1.	English	6
2.	Religious /Civic Education	5
3.	ICT	2
4.	Mathematics	6
5.	Biology	6
6.	Chemistry	6
7.	Physics	6
8.	Research	2
9.	Hospitality & Tourism 1	4
10.	Hospitality & Tourism 2	2
11.	Hospitality & Tourism 3	2
12.	Hospitality & Tourism 4	2

**Note:**

1. The Senior Secondary School Tourism and Hospitality STEM career pathway has 7 examinable subjects. However, learners will only be allowed to take 7 subjects (choose between Religious Education and Civic Education)
2. In this career pathway, Hospitality and Tourism has more periods (10).
3. Specific subjects under Hospitality and Tourism to stand out prominent as Hospitality and Tourism 1 (Food and Nutrition -FN), Hospitality and Tourism 2 (Home Management -HM), Hospitality and Tourism 3 (Fabrics and Fashion-FF) and Hospitality and Tourism 4 (Tourism)
4. Hospitality and Tourism 1,2,3 and 4 will be examined as one subject