

# **MATHEMATICS**

**GRADE 11 TERM 4**

**Tracker**



**Topic 1: Statistics**

| CAPS Concepts and Activities  | Time (Hrs) | CAPS Page no. | Year:          |  |  |  |  | Year:          |  |  |  |  |
|---|------------|---------------|----------------|--|--|--|--|----------------|--|--|--|--|
|   |            |               | Class          |  |  |  |  | Class          |  |  |  |  |
|   |            |               |                |  |  |  |  |                |  |  |  |  |
|   |            |               | Date Completed |  |  |  |  | Date Completed |  |  |  |  |
| <b>Lesson 1</b>   |            |               |                |  |  |  |  |                |  |  |  |  |
| <b>Topic: Statistics</b> <ul style="list-style-type: none"> <li>• Revision               <ul style="list-style-type: none"> <li>○ measures of central tendency in grouped and ungrouped data</li> <li>○ estimated mean of grouped data</li> <li>○ modal interval and interval in which median lies</li> <li>○ five number summary</li> <li>○ box and whisker diagrams</li> <li>○ measures of dispersion.</li> </ul> </li> </ul> | 2.5        | 39            |                |  |  |  |  |                |  |  |  |  |
| <b>Lesson 2</b>   |            |               |                |  |  |  |  |                |  |  |  |  |
| <b>Topic: Statistics</b> <ul style="list-style-type: none"> <li>• draw a frequency polygon</li> <li>• interpret a frequency polygon.</li> </ul>   | 1.5        | 39            |                |  |  |  |  |                |  |  |  |  |
| <b>Lesson 3</b>   |            |               |                |  |  |  |  |                |  |  |  |  |
| <b>Topic: Statistics</b> <ul style="list-style-type: none"> <li>• populate or complete a frequency table</li> <li>• draw a cumulative frequency curve (Ogive)</li> <li>• read information from a cumulative frequency curve (Ogive).</li> </ul>   | 2.5        | 39            |                |  |  |  |  |                |  |  |  |  |
| <b>Lesson 4</b>   |            |               |                |  |  |  |  |                |  |  |  |  |
| <b>Topic: Statistics</b> <ul style="list-style-type: none"> <li>• explain what standard deviation means</li> <li>• find the standard deviation from a set of data (using a calculator)</li> <li>• comment on and interpret the standard deviation of a set of data.</li> </ul>  | 2.5        | 39            |                |  |  |  |  |                |  |  |  |  |

| Lesson 5   |     |    |  |  |  |  |                                      |  |  |       |  |  |
|--|-----|----|--|--|--|--|--------------------------------------|--|--|-------|--|--|
| <b>Topic: Statistics</b> <ul style="list-style-type: none"> <li>interpret a set of data or its visual representation to comment on whether the data is skewed or not</li> <li>identify outliers in a set of data.</li> </ul>   | 2.5 | 39 |  |  |  |  |                                      |  |  |       |  |  |
| Lesson 6   |     |    |  |  |  |  |                                      |  |  |       |  |  |
| <b>Topic: Statistics</b> <ul style="list-style-type: none"> <li>Revision and consolidation (including test)</li> </ul>   | 2   | 39 |  |  |  |  |                                      |  |  |       |  |  |
| Reflection   |     |    |  |  |  |  |                                      |  |  |       |  |  |
| Think about and make a note of: What went well? What did not go well? What did the learners find difficult or easy to understand or do? What will you do to support or extend learners? Did you cover all the work set for the week? If not, how will you get back on track? |     |    |  |  |  |  | What will you change next time? Why? |  |  |       |  |  |
|  |     |    |  |  |  |  | HOD:                                 |  |  | Date: |  |  |

| Topic 2: Revision Overview  |            |               |                |  |  |  |  |                |  |  |  |  |
|---|------------|---------------|----------------|--|--|--|--|----------------|--|--|--|--|
| CAPS Concepts and Activities  | Time (Hrs) | CAPS Page no. | Year:          |  |  |  |  | Year:          |  |  |  |  |
|   |            |               | Class          |  |  |  |  | Class          |  |  |  |  |
|   |            |               |                |  |  |  |  |                |  |  |  |  |
|   |            |               | Date Completed |  |  |  |  | Date Completed |  |  |  |  |
| <b>Lesson 1</b>   |            |               |                |  |  |  |  |                |  |  |  |  |
| <b>Topic: Revision Overview</b><br><ul style="list-style-type: none"> <li>• Revision               <ul style="list-style-type: none"> <li>○ The learners must work through summaries of all Paper 1 topics</li> <li>○ The learners must complete a full Paper 1 in class with the teacher.</li> </ul> </li> </ul>   | 4.5        | 39            |                |  |  |  |  |                |  |  |  |  |
| <b>Lesson 2</b>   |            |               |                |  |  |  |  |                |  |  |  |  |
| <b>Topic: Revision Overview</b><br><ul style="list-style-type: none"> <li>• Revision:               <ul style="list-style-type: none"> <li>○ The learners must work through summaries of all Paper 2 topics</li> <li>○ The learners must complete a full Paper 2 in class with the teacher.</li> </ul> </li> </ul>  | 4.5        | 39            |                |  |  |  |  |                |  |  |  |  |
| <b>Lesson 3</b>   |            |               |                |  |  |  |  |                |  |  |  |  |
| <b>Topic: Revision Overview</b><br><ul style="list-style-type: none"> <li>• Revision:               <ul style="list-style-type: none"> <li>○ The learners must complete a full Paper 1 past paper on their own</li> <li>○ The learners must completed a full Paper 2 past paper on their own</li> <li>○ The learners must make 'cheat sheets' covering all topics.</li> </ul> </li> </ul> | 4.5        | 39            |                |  |  |  |  |                |  |  |  |  |

**Reflection**

Think about and make a note of: What went well? What did not go well? What did the learners find difficult or easy to understand or do? What will you do to support or extend learners? Did you cover all the work set for the week? If not, how will you get back on track?

What will you change next time? Why?

HOD:

Date: