 Province of the

EASTERN CAPE

EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY PRACTICAL | **GRADE** | 10 | **DATE** | 27 April to 1 May 2020 |
| **TOPIC** | Decision Making – Nested if-then statements | **TERM 1**  **REVISION** | (Please tick) | **TERM 2 CONTENT** | ✓ |
| **TIME ALLOCATION** | 1hr | **TIPS TO KEEP HEALTHY**  1. **WASH YOUR HANDS** thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.  2. **PRACTISE SOCIAL DISTANCING** – keep a distance of 1m away from other people.  3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.  4. **TRY NOT TO TOUCH YOUR FACE.** The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.  5. **STAY AT HOME.** | | | |
| **INSTRUCTIONS** | Resources used// Most of this week’s work is taken from the New DBE practical book chapter 5   * Information Technology Practical Book Grade 10 , DBE * Past Exam Papers   Answer all questions |
|  | Complete the application to help a tuck shop decide how to order the drinks they sell. They want to know what the  learners prefer – cooldrink or cold water – and also whether there is a difference between what the girls and boys  prefer.  Copy the embedded files int a folder called Prefer Cooldrink, then open the Prefer\_p project and study the interface. The application should do  the following:   * Determine whether a learner is male or female. * Determine whether that learner prefers water or cooldrink. * Keep track of the total number of learners that answer. * Calculate the percentage of females who prefer water. * Calculate the percentage of females who prefer cooldrink. * Calculate the percentage of males who prefer water. * Calculate the percentage of males who prefer cooldrink. * Display the percentages in the labels provided as shown.   a. Draw a flowchart to help you complete this App.  b. Complete the code according to your flowchart and run the App. | | | | |