 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY PRACTICAL | **GRADE** | 10 | **DATE** | 11 May to 15 May 2020 |
| **TOPIC** | Revision – Flowcharts and Trace Tables | **TERM 1**  **REVISION** | (Please tick) | **TERM 2 CONTENT** | ✓ |
| **TIME ALLOCATION** | 2hr | **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 book chapter 5   * Information Technology Practical Book Grade 10 Practical, DBE * Past Exam Papers   Answer all questions |
|  | Solution to the activity  Solutions:  **Activity 1**  1.  Line 1: Enter the length of the room  Line 2: Enter the width of the room  Line 3: Area = Length x Width  Line 4: Display area  2.  a.  Line 1: Enter the length of the lounge  Line 2: Enter the width of the lounge  Line 3: AreaLounge = LengthLounge x WidthLounge  Line 4: Display area of lounge  Line 5: Enter the length of bedroom 2  Line 6: Enter the width of the bedroom 2  Line 7: AreaBedroom2 = LengthBedroom2 x WidthBedroom2  Line 8: Display area of bedroom 2  Line 9: TotalArea = AreaLounge + AreaBedroom2  Line 10: Display TotalArea  b.   |  |  |  | | --- | --- | --- | | **Input** | **Processing** | **Output** | | Enter the length of the lounge  Enter the width of the lounge  Enter the length of bedroom Enter the width of the bedroom 2 | AreaLounge = LengthLounge x WidthLounge  AreaBedroom2 = LengthBedroom2 x WidthBedroom2  TotalArea = AreaLounge + AreaBedroom2 | Display area of lounge  Display area of bedroom 2  Display TotalArea | | | | | |