**Independent Home Learning**

Whilst you are unable to be learning in school, please complete the following online lessons provided by the Oak National Academy to all you to continue learning and making progress, provided you are well enough to do so. Completed work can be emailed to your class teacher for feedback.

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| Year Group: | 11 | Subject | IT |

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| Lesson | Description and link |
| 1 | **Spreadsheet warm-up**  The purpose of this lesson is to revisit spreadsheet skills learners may have developed in KS3, check their understanding of spreadsheet layout, and refamiliarise them with formulae  <https://classroom.thenational.academy/lessons/spreadsheet-warm-up-75j64r> |
| 2 | **The RSC Live event**  The aim of this lesson is to implement a spreadsheet which represents seating for the live event of Rock Star Challenge. There are different seat prices for adults, students, and over 60s. Learners will use a drop-down list to select seats, and formulae will be used to calculate the price.  <https://classroom.thenational.academy/lessons/the-rsc-live-event-c4tp8d> |
| 3 | **RSC merchandise**  This lesson aims to begin the process of demonstrating to learners how databases are used to manage sales and stock levels; it links to Lesson 5. Learners will be given a partly completed spreadsheet showing items of merchandise to be sold at the RSC Live event.  <https://classroom.thenational.academy/lessons/rsc-merchandise-6nh6cr> |
| 4 | **RSC data visualisation**  The purpose of this lesson is to demonstrate to learners how to create accurate and useful charts based on data generated in previous lessons. Charts are often used to quickly give information and to help visualise sometimes quite complex data, but it is important to select the right chart for the data and to implement the chart accurately.  <https://classroom.thenational.academy/lessons/rsc-data-visualisation-chh3ed> |
| 5 | **RSC stock control**  The aim of this lesson is to link with the sales activity of Lesson 3 and go behind the scenes to examine the database of RSC merchandise. Learners will discuss the use of barcodes and QR codes (2D codes) and the different kinds of data they can hold.  <https://classroom.thenational.academy/lessons/rsc-stock-control-crw3at> |
| 6 | Apply your new skills to your dashboard |

Equipment required:

* Laptop;
* Pen, pencil and paper;
* Calculator;
* Dictionary;
* Highlighter.

If you have any questions, please email your class teacher.

**IT & Computing Teachers:**

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