# Key Stage 3 Curriculum Map 2021-22

## Term 3

| Subject: Computing | Year: 7 | | |
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| **Focus/Topic** | **UAE Links** | **HPL Links** | **Home Learning/ Recommended Reading** |
| • Scratch Project | Accountability & integrity | **CREATING**- *Intellectual playfulness* <br> **HARD WORKING**-*Practice* | • Workbook <br> • Scratch online https://scratch.mit.edu/ |
| • What are Computers – Inputs and outputs | Input and outputs for day to day systems in the UAE | **Analysing** -Critical or logical thinking | • **Home learning**: as per lesson resources on Classroom Phoenix |
| • What are Computers – Key Components and Functionality | Computerised systems across UAE | **Linking**- Generalisation | • **Home learning**: as per lesson resources on Classroom Phoenix |
| • What are Computers – Health safety | UAE H&S legislation | **EMPATHEIC**- *Concerned for society* | • **Home learning**: as per lesson resources on Classroom Phoenix |
| • What are Computers - Topologies | Networking at GFS and GEMS | **ANALYSING**-*Precision* | • **Home learning**: as per lesson resources on Classroom Phoenix |
| • **What are Computers - assessment** | | | |
| • Kodu – How programs work | Links to programming companies based in the UAE | **ANALYSING**-*Precision* | • Continue with project development |
| • Kodu – Creating landscapes | Embedding UAE landscapes | **CREATING**- *Intellectual playfulness* | • Continue with project development |
| • Kodu – Advanced navigation and pathing | Pathing techniques used but robots at Expo and Tally at Carrefour | **Linking**- Generalisation | • Continue with project development |
| • Kodu – Clones and Creatables | Duplication within programming | **CREATING**- *Intellectual playfulness* | • Continue with project development |
| • Kodu – Pages and Selection | Expo – interactive displays | **Analysing** -Critical or logical thinking | • Continue with project development |

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| • Kodu – Game depth and Complexity | Gameloft in Dubai (mobile app developer SZR) | **HARD WORKING**-*Practice* | • Continue with project development |
| **Summer Break** | | | |