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| Stage 1 Biology Course Calendar 2022*\*\*Rough Outline – Subject to Change\*\**Blue topics = Cells & MicroorganismsGreen topics = Biodiversity & Ecosystem Dynamics |
| **Week** | **Topic** | **Workbook** | **Information** |
| 1-1 | * Living/Non-living things
* Cell Theory
* Prokaryotic vs Eukaryotic Cells
 | P6-15P16P17-25 | 🛈 REMOTE LEARNING |
| 1-2 | * Organelles [cheek/onion cell mounts]
* Cell Cycle & Mitosis
 | P26-38 | 🛈 REMOTE LEARNING |
| 1-3 | * Comparing Mitosis & Binary Fission
 | P26-38 |  |
| 1-4 | * Energy requirement in cells
* Photosynthesis, Respiration,
* ATP
* Fermentation
* SHE ELEMENTS
 | P39—47 |   |
| 1-5 | * Fermentation & energy
 | P39—47 | 🛈 Fri = Swimming Carnival |
| 1-6 | * Cell Membrane
* SA:V ratio
 | P48-65 | 🛈 Fri = Student Free Day |
| 1-7 | * Cell Membrane & Transport
 | P48-65 | 🛈 Mon = Holiday |
| 1-8 | * Passive transport methods

(diffusion, osmosis, facilitated diffusion) | P48-65 |  |
| 1-9 | * Active Transport Methods
 | P48-65 | 🛈 Fri = 11 Camps |
| 1-10 | **Ketchup Week*** Transcription/Translation
 |  | 🛈 Mon = 11 Camps🛈 Thurs = Inter Athletics Day |
| 1-11 | * Importance of biodiversity (genetics, species, ecosystems)
* Keystone Species Intro
 | P286-287,385P291-298P361-364 | 🛈 Wed = Sports Day🛈 Thurs = Holiday🛈 Fri = Holiday  |

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| 2-1 | * Abiotic and Biotic factors & relationships (impact on ecosystem)
* Patterns within communities
* Energy flow through ecosystems
 | P332-339P288-290P340-342P343-346 |  |
| 2-2 | * Populations and ecological niches
* Taxonomy – biologically classification hierarchy
 | P355-360P299-318 |  |
| 2-3 | * Reproductive Isolation & adaptations
* Adaptations
 | P319-321P322-331 |  |
| 2-4 | * Water and Nutrient cycles
 | P347-350,352-354 | 🛈 Wed = Inter Swimming Day |
| 2-5 | * Ecological change – succession
* Human impact on ecosystems
* Destruction of habitat
* Measuring and predicting impact of environmental change
 | P365-366P351P371-384 |  |
| 2-6 | A close up of a bottle  Description automatically generated**Ketchup Week** |  | 🛈 Fri = Student Free Day |
| 2-7 | **9-11 EXAMS** & 7-10 Focus Days(Tues – Fri) |  | 🛈 Mon = Holiday |