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| WEEKLY PLANIndian School Al Wadi Al Kabir - Syllabus break up for AUGUST 2018- BIOLOGY |
| Class 11biology | Week1(1-2) | Week2 (5-9) | Week3 (12-16) | Week4(19-21) | Week5(26-30) |
| **AUGUST****( 1 – 30)** | Neural control | Chemical controlTransport in plantsPlant water relationsTranspirationPhloem transport | Mineral nutritionEssential mineral elementsTranslocation of solutesMineral nutritionNitrogen metabolism | Photosynthesis in higher plantsEarly experimentsMechanism of photosynthesisETSC4 pathway | Photosynthesis:PhotorespirationFactorsRespiration in plants:GlycolysisFermentationAerobic respirationAmphibolic pathwayRQ |
| **PRACTICALS** * Potato osmoscope
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| **SEPT.****(2-30)** | **(2 – 6)**Plant growth and development:DevelopmentPlant growth regulatorsPhotoperiodismVernalisation | **(9-13)**REVISIONAS 1 | **(16-20)**AS 1 | **(23-27)**AS 1 | **(30)****AS 1** |

Syllabus break up for SEPTEMBER 2018

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| Syllabus break up for OCTOBER 2018 |
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| **OCT (01 – 31)** | **(1-4)**Diversity in the living world:CharactersTaxonomic categoriesTaxonomical aids \*Biological classification:Kingdom Monera,Protista, | **(7-11)**Fungi, Plantae & AnimaliaViruses, viroids & lichens | **(14-18)**Plant kingdom:Algae, Bryophytes, Pteridophytes, Gymnosperms, AngiospermsLife cycle | **(21-25)**Animal kingdomBasis of classificationPhylum – Porifera, Coelenterata, Ctenophora, Platyhelminthes & Aschelminthes, Annelida, Arthropoda, Echinodermata, Hemichordata and Chordata | **(28-31)**Cell structure and function:Cell: The unit of lifeCell theoryProkaryotic cell and Eukaryotic cell. |
| PRACTICALS* Plant specimens
* Animal specimens
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| Syllabus break up for NOVEMBER 2018 |
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| **NOV (01 – 31)** | **(1)**BiomoleculesPrimary and secondary metabolitesBio macromoleculesProteinsNucleic acids | **(4-8)**Structure of proteinsNature of bond linkingMetabolismLiving stateEnzymes | **(11-15)**Cell cycle and cell division:M phaseMitosisMeiosisSignificance | **(18-22)**MeiosisSignificance | **(25-29)**Structural organization in Plants: The root, The stem, The leaf, The inflorescence, The flower |
| PRACTICALS* Mitosis
* Modifications – stem, root and leaf
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| Syllabus break up for DECEMBER 2018 |
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| **OCT (01 – 31)** | **(2-6)**The fruit, The seed | **(9-13)**REVISIONAS 2 | **(16-20)**AS 2 | **(23-27)**WINTER BREAK | **(30-31)**WINTER BREAK |
| PRACTICALS* Families
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| **WINTER BREAK (From 23.12.18 to 08.01.19)** |

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| Syllabus break up for JANUARY 2019 |
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| **JAN (01 – 31)** | **(1-3)**WINTER BREAK | **(6-10)**WINTER BREAKAnatomy of flowering plants (2 days) | **(13-17)**The tissues, tissue system, Anatomy of dicot and monocot root, stem and leaf. | **(20-24)**Secondary growth | **(27-31)**Structural organization in Animals: Animal tissues, |
| **PRACTICALS*** **Dicot and monocot – root and stem**
* **Animal tissues**
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| Syllabus break up for FEBRUARY 2019 |
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| **FEB (01 – 28)** | **(3-7)**Syllabus completion | **(10-14)**REVISIONPRACTICALS | **(17-21)**REVISIONAS 3 | **(24-28)**AS 3 |  |