

Delhi Public School Mathura Road Fortnightly Syllabus Break up  
Science Class VI Session 2018-2019

| S.No | Fortnights   | Chapter/Main Topics                                       | Sub Topics  | Approx No. of periods                   | Assignment Date  | Periodic Test Date |
|------|--|---|---|---|--|--------------------|
| 1.   | 2 <sup>nd</sup> April – 13 <sup>th</sup> April (11 days) | Food – Where does it come from?<br><br>Fibre to Fabric    | Food variety<br><br>Food materials and sources<br><br>Plant parts and animal products as food.<br><br>What do animals eat?<br><br>NCERT Question – answer session.<br>Variety in fabrics              | 2<br><br>2<br><br>2<br><br>2<br><br>3   | Note book submission marks to be given from 2 April 2018 to 3 September 2018 for Mid term exams. |                    |
| 2.   | 16th April - 27th April (11days)                         | Fibre to Fabric<br><br>Motion and Measurement of Distance | Fibre<br><br>Some plant fibre<br>Spinning cotton yarn<br>Yarn to fabric<br>History of clothing materials<br>NCERT Question – answer session.<br><br>Story of transport<br>How far have you travelled? | 1<br><br>1<br>1<br>2<br>2<br>1<br><br>2 |  |                    |

Delhi Public School Mathura Road Fortnightly Syllabus Break up  
Science Class VI Session 2018-2019

|    |  |                                    |  |                                       |                                      |   |
|----|--|------------------------------------|--|---------------------------------------|--------------------------------------|---|
|    |  |                                    | How wide is this desk?<br>Measurement and units  | 3                                     |                                      |   |
| 3. | 1 <sup>st</sup> May - 18th May (14 days) | Motion and Measurement of Distance | Standard units of Measurements.<br><br>Changing units of measurements (as per NCERT and from bigger units to smaller units only not the other way round)<br><br>Assorted practice of same<br><br>Correct measurement of length<br><br>Length of curved line<br><br>Moving things around us | 2<br><br>2<br><br>2<br><br>2<br><br>2 | Assignment-1 (Cycle-1) on 01-05-2018 | Periodic assessment 1 on 14-05-2018<br><br>Syllabus:<br>Food – Where does it come from?<br>Fibre to Fabric<br>Motion and Measurement of Distance (up to changing units of measurements) |
|    |  | Components of Food                 | Types of motion<br>NCERT question – answer session.<br><br>What do different food items contain?   | 2                                     |                                      |   |

Delhi Public School Mathura Road Fortnightly Syllabus Break up  
Science Class VI Session 2018-2019

|  |   |                               |  |   |  |  |
|--|---|-------------------------------|--|---|--|--|
|  |   |                               |  |   |  |  |
| PTM on 12th May 2018                                       |   |                               |  |   |  |  |
| Summer Vacation from 19th May to 1 <sup>st</sup> July 2018 |   |                               |  |   |  |  |
| 4  | 2nd July – 13th July (10 days)            | Components of Food            | Tests for starch, protein and fats.        | 4 |  |  |
|  |   |                               | What do various nutrients do for our body? | 3 |  |  |
|  |   |                               | Balanced diet                              | 1 |  |  |
|  |   |                               | Deficiency diseases                        | 2 |  |  |
|  |   |                               | NCERT question – answer session            | 2 |  |  |
| 5  | 16 July - 31 <sup>st</sup> July (13 days) | Sorting Materials into Groups | Objects around us                          | 1 |  |  |
|  |   |                               | Properties of materials:                   | 1 |  |  |
|  |   |                               | Appearance                                 | 1 |  |  |
|  |   |                               | Hardness                                   | 1 |  |  |

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|   |  |                          |  |   |  |  |
|---|--|--------------------------|--|---|--|--|
|   |  | Separation of Substances | Solubility                             | 2 |  |  |
|   |  |                          | Floatation                             | 1 |  |  |
|   |  |                          | Transparency                           | 1 |  |  |
|   |  |                          | NCERT question answer session          | 1 |  |  |
|   |  |                          | Introduction                           | 2 |  |  |
|   |  |                          | Methods:<br>Handpicking                | 1 |  |  |
|   |  |                          | Threshing                              | 1 |  |  |
|   |  |                          | Winnowing                              | 1 |  |  |
|   |  |                          | Sieving                                | 1 |  |  |
| 6 | 1 <sup>st</sup> August - 18th August (13 days) | Separation of Substances | Sedimentation, decantation, filtration | 2 |  |  |
|   |  |                          | Evaporation                            | 1 |  |  |
|   |  |                          | More than one method                   | 1 |  |  |
|   |  |                          | Solubility                             | 1 |  |  |
|   |  |                          | NCERT question answer session          | 2 |  |  |
|   |  | Light                    |  | 2 |  |  |

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|  |                                 |                          |   |   |                                      |  |
|--|---------------------------------|--------------------------|---|---|--------------------------------------|--|
|  |                                 |                          | Transparent, opaque and translucent objects         | 2 |                                      |  |
|  |                                 |                          | What exactly are shadows?<br>Introduction to images | 2 |                                      |  |
|  |                                 |                          | A pinhole camera<br>Mirrors and reflections         | 2 |                                      |  |
|  |                                 |                          | And NCERT question answer session                   |   |                                      |  |
| 7.   | 20th August - 4 Sept. (10 days) | Changes Around Us        | Can all changes always be reversed?                 | 2 | Assignment-2 (Cycle-1) on 23-08-2018 |  |
|  |                                 |                          | Other ways to bring a change                        | 3 |                                      |  |
|  |                                 | Electricity and Circuits | NCERT question answer session                       | 2 |                                      |  |
|  |                                 |                          | Introduction  | 3 |                                      |  |
|  |                                 |                          | Electric cell                                       | 2 |                                      |  |
| Completion of Syllabus 4th September 2018                                      |                                 |                          |   |   |                                      |  |
| Revision 6 <sup>th</sup> September to 11 <sup>th</sup> September 2018 (5 days) |                                 |                          |   |   |                                      |  |

Delhi Public School Mathura Road Fortnightly Syllabus Break up  
Science Class VI Session 2018-2019

Mid Term Exams from 12 September to 22 September 2018

PTM – 13<sup>th</sup> October 2018

|   |  |                          |  |   |  |
|---|--|--------------------------|--|---|--|
| 8 | 24 September –<br>17 October (17 days) | Electricity and Circuits | Bulb<br>A bulb connected to an electric cell and electric circuit  | 2 | Assignment-1<br>(Cycle-2) on 04-10-2018<br><br>Note book submission marks to be given from 24 September 2018 to 25 February 2019 for Annual exams. |
|   |  |                          | Electric switch<br>Electric conductors and insulators  | 3 |  |
|   |  |                          | Torch- construction and working<br>NCERT question – answer session and Revision with assorted activities | 2 |  |
|   |  |                          | Herbs, Shrubs and Trees.   | 3 |  |
|   |  |                          | Stem   | 2 |  |

Dusshera Break

18<sup>th</sup> October

- 21<sup>st</sup> Oct 2018

Delhi Public School Mathura Road Fortnightly Syllabus Break up  
Science Class VI Session 2018-2019

|   |  |                        |   |        |  |  |
|---|--|------------------------|---|--------|--|--|
| 9.  | 22 <sup>nd</sup> Oct - 3rd Nov.(10 days) | Getting to Know Plants | Leaf                                    | 2      |  |  |
|   |  |                        | Root                                    | 2      |  |  |
|   |  |                        | Flower                                  | 2      |  |  |
|   |  |                        | Body movements                          |        |  |  |
|   |  |                        | Human body and its movements            | 2      |  |  |
|   |  |                        | Ball and socket joints<br>Pivotal joint | 2<br>2 |  |  |
| Diwali Break                      5 <sup>th</sup> November - 11 <sup>th</sup> November 2018 |  |                        |   |        |  |  |
| 10.   | 12th Nov. - 30th Nov.(13 days)           | Body Movements         | Other joints                            | 1      |  |  |
|   |  |                        | Gait of animals                         | 1      |  |  |
|   |  |                        | NCERT question – answer session.        | 2      |  |  |
|   |  | Fun with Magnets       | How magnets were discovered?            | 1      |  |  |
|   |  |                        | Magnetic and non-magnetic materials     | 2      |  |  |

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Science Class VI Session 2018-2019

|     |                                   |  |  |        |   |  |
|-----|-----------------------------------|--|--|--------|---|--|
|     |                                   |  | Poles of magnet  | 1      |   |  |
|     |                                   |  | Finding directions<br>Compass needle   | 2      |   |  |
|     |                                   |  | Make your own magnet<br>Attraction and repulsion<br>between magnets          | 3      |   |  |
|     |                                   |  | A few cautions   | 2      |   |  |
| 11. | 3 Dec - 15th<br>Dec. (11 days)    | Fun with Magnets                           | NCERT question –<br>answer session.  | 3      |   |  |
|     |                                   | Living Organisms and their<br>Surroundings | Organisms and the<br>surroundings where<br>they live                         | 2      |   |  |
|     |                                   |  | Habitat and adaptation   | 3      |   |  |
|     |                                   |  | A journey through<br>different habitats                                      | 5      |   |  |
| 12. | 17th Dec - 29th<br>Dec. (10 days) | Living Organisms and their<br>Surroundings | Living things around us<br>– continued<br>NCERT question –<br>answer session | 5<br>2 | Assignment-2<br>(Cycle-2) on 04-<br>12-2018 | Periodic assessment<br>2 on 17-12-2018   |
|     |                                   | Water                                      | How much water do we<br>use?   | 2      |   | Syllabus<br>Electricity and<br>circuits, |



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|              |                                     |                        |  |   |  |  |
|--------------|-------------------------------------|------------------------|--|---|--|--|
|              |                                     |                        | Where do we get water from?  | 3                                       |  | Getting to know plants, Body movements, Fun with magnets |
| Winter Break |                                     | 31 Dec. 18 - 9 Jan. 19 |  |   |  |  |
| 13.          | 10th Jan. - 25th Jan. 19 ( 12 days) | Water                  | Water cycle<br>Back to the oceans<br><br>Rain<br>Flood<br>Drought<br><br>Conservation of water<br>NCERT question – answer session. | 3<br>3<br><br>2<br>1<br>1<br><br>2<br>2 |  |  |
| 14.          | 28th Jan - 08th Feb. 19(10 days)    | Air around us          | <b>Introduction</b><br>Is air present everywhere around us?<br><br>What is air made up of?<br>Air is essential for life on earth.  | 2<br>3<br><br>3<br>4                    |  |  |

Term wise exam syllabus:-

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|   |                                  |  |   |   |  |  |
|---|----------------------------------|--|---|---|--|--|
| 15.   | 11th Feb – 20th Feb. 19 (9 days) | Air Around Us<br><br>Garbage in Garbage out (the abridged edition of NCERT made by our expert faculty) | How is oxygen replaced?<br>NCERT question – answer session<br><br>Dealing with garbage<br><br>Vermicomposting<br><br>Think and grow<br><br>Recycling of paper<br>Plastics- Boon or curse<br>NCERT question – answer session | 1<br>2<br><br>1<br><br>1<br><br>1<br><br>2<br><br>2 |  |  |
| Completion of syllabus by 20 <sup>th</sup> February 2019                        |                                  |  |   |   |  |  |
| Revision - 21 <sup>st</sup> February - 28 <sup>th</sup> February 2019 (07 days) |                                  |  |   |   |  |  |
| Annual Exams 1 <sup>st</sup> March to 15 <sup>th</sup> March 2019               |                                  |  |   |   |  |  |
| PTM for class VI and VII on 29th March 2019                                     |                                  |  |   |   |  |  |
| NEW SESSION TO BEGIN ON 1 <sup>st</sup> April 2019                              |                                  |  |   |   |  |  |

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Science Class VI Session 2018-2019

**Mid Term Exam syllabus :-**

**Food – Where does it come from,  
Fibre to Fabric,  
Motion and measurement of distance,  
Components of food,  
Sorting materials into groups,  
Separation of substances,  
Light**

**Annual Exam syllabus:-**

**Changes around us,  
Electricity and circuits,  
Getting to know plants,  
Body movements,  
Fun with magnets,  
Living organisms and their surroundings,  
Water,  
Air around us,  
Garbage in garbage out**

Syllabus and fortnight breakup document for VI Std Science session 2018-19 prepared by Mr. Sudhakar Kaushik and Ms. Banoshree.

HOD Mr. Arvind Kumar and Deputy HOD Ms. Anjali Gupta.