## Between the Lines Science \& Nature Study Year 7

# RESOURCES 

## Nature Study Book List for all years



## Year 7 Book List for Science

| The Study of PLANT LIFE M.C.STOPES D.SC | THE FAIRY-LAND OF SCIENCE <br> Arabella Buckley |  |  |
| :---: | :---: | :---: | :---: |
| The Study of Plant Life by MC Stopes | The Fairy-Land of Science by Arabella Buckley | First Steps in Scientific Knowledge by Paul Bert | Architecture shown to the children by Gladys Wynne |
| Read free online here. (Used in Years 7 and 8) | Read free online here or buy from Amazon here. <br> (Used in Years 6 and 7) | Download a free copy here ( 8 MB ) <br> (Used in Years 7 to 9) | Download a free copy here (13MB) <br> (Used in Year 7 only) |

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## Additional Resources

$\checkmark$ A spiral-bound A5 or A4 sketch book of at least 90 pages, any page thickness (this will be your child's Nature Notebook)
$\checkmark$ An A4 Nature Study book (one page lined, one page blank) of about 72 pages (this will be your child's Science workbook)
$\checkmark$ Magnifying glass
$\checkmark$ Microscope (examples of cost-effective kids microscopes here and here)
$\checkmark$ Kitchen scale (digital or analogue)
$\checkmark$ Smartphone or camera to take photographs
$\checkmark$ Several round and flat watercolour brushes and a set of watercolour paints
$\checkmark$ Plastic paint mixer tray
$\checkmark$ Pencil bag with pencils, pens, fineliners, eraser, sharpener,
 scissors, glue and pencil crayons.
$\checkmark$ Several clear plastic jars with screw lids
$\checkmark$ Items for experiments:

- Food items: Sugar crystals, a carrot, a potato, almond seed, an orange, a strawberry, a slice of bread.
- Plants: Where possible, try to find examples of these plants to examine as directed in the Lesson Plans: an Elodea (Canadian water plant), primrose plant, some laurel leaves, daisy, water lily, sunflower, elder twig, cactus plant geranium, dead nettle, mistletoe, dodder, yellow gorse, salvia, sweet or dog violet, trefoil, orchid.
- Other items: NOTE: A beginner's chemistry set will often contain many of the items below. 3 small bar magnets, red cotton string, plastic or cardboard straw, 5 to 10 seeds of each of the following: bean, cucumber, corn and pea, cotton wool or sawdust, solution of iodine, washing powder, 3 large glass jars, distilled water, potassium nitrate, calcium sulphate, sodium chloride, magnesium sulphate, calcium phosphate, iron chloride, 3 corks, black paper, laundry starch, alcohol, cardboard, tin foil, a test tube, 3 narrow-necked flasks, a glass funnel, some wood, matches, Vaseline, string, a poker, marbles, a felt tip pen, a sharp knife, a tuning fork, a saucer, sulphuric acid, piece of coal, red ink, ball of dough/clay.

