

SCIENCE:

GRADE 1&2&3

BOOK: BASED ON NEW YORK STATE
GRADE 4 ELEMENTARY (BARRON'S)

By: Priya
(Sara)Patel

2017 – 2018 CURRICULUM

<p>SEPT 2017</p> <p><u>UNIT I -LIVING ENVIRONMENT</u></p> <p>9 – INTRODUCTION & INTERACTION</p> <ul style="list-style-type: none">• What is Science• Touch base on the topics that will be covered• Very Basic & Fun Learning <p>16 - Living Vs Nonliving: What is?</p> <p>23- Plants: What is- a)Plant Structure;</p> <p>30- Plants: What is- b) Photosynthesis</p>	<p>NOV 2017</p> <p>4 – Introduction to Organ System (Basic)</p> <p>11- Animals: Organ Systems: Digestive System</p> <p>18- Animals: Organ Systems: Respiratory System</p> <p>25 – DISCUSSION ON TOPICS ***** (Thanks Giving weekend) *****</p>
<p>OCT 2016</p> <p>7– Plants: What is-c) Reproduction ;</p> <p>14- Plants: What is- d)Adaptations</p> <p>21 – Plants: What is- e) Life Cycle & Recap</p> <p>28 - Quiz, Discussion & Presentation by Students</p>	<p>DEC 2016</p> <p>2 - Animals: Organ Systems: Circulatory System</p> <p>9 - Animals: Organ Systems: Urinary System</p> <p>16 : Animals: Organ Systems: Nervous System</p> <p>23 – DISCUSSION ON TOPICS ***** (Christmas weekend) *****</p> <p>30 : Animals: Organ Systems: Locomotion System</p>

<p>JAN 2018</p> <p>6 – RECAP, REVIEW & DISCUSSION</p> <p>13 - Quiz, Discussion & Presentation by Students</p> <p>20 – Animals: What is: Variations</p> <p>27 - Animals: What is: Animal response to environment – Seasonal change</p>	<p>APR 2018</p> <p>7 – Ecology: What is:</p> <p>14 - Human and their environment</p> <p>21– Quiz, Discussion & Presentation by Students</p> <p>28 – <u>UNIT II – PHYSICAL SETTING</u></p> <ul style="list-style-type: none"> • Matter & Energy (What is)
<p>FEB 2018</p> <p>3 – Animals: What is: Adaptations</p> <p>10 – Animals: What is: reproduction / life cycle</p> <p>17 – Quiz, Discussion & Presentation by Students</p> <p>24 - Genetics: What is: Introduction</p>	<p>MAY 2018</p> <p>5 – What is: Energy & Forces</p> <p>12 - Astronomy</p> <p>19– Quiz, Discussion & Presentation by Students</p> <p>26 - Weather & Water &</p>
<p>MAR 2018</p> <p>3 – Genetics: What is: Family Tree</p> <p>10 – Genetics: What is: DNA & Genes</p> <p>17 - Genetics: What is: Environmental Traits</p> <p>24 – Quiz, Discussion & Presentation by Students</p> <p>31 - Good Health</p>	<p>JUNE 2018</p> <p>2 – Weathering & Erosion</p> <p>9 - <u>UNIT III – PHYSICAL SETTING</u></p> <ul style="list-style-type: none"> • What is: Process Skills <p>16 - Quiz, Discussion & Presentation by Students</p> <p>23 – IMPROVEMENT DISCUSSION</p> <p>26 –LAST DAY SCHOOL</p>

JULY – SEPT: (School Holidays)

- CPR
- Any Projects

SCIENCE

GRADE 6. 7 & 8

BOOK: NEW YORK STATE GRADE 8 - SCIENCE TEST (BARRON'S)
(By: Vijay Patel)

2017 – 2018: CURRICULUM

<p>SEPT 2017</p> <p>9 - Introduction & <u>UNIT I –ANALYSIS, INQUIRY AND DESIGN</u> Math Analysis: a) Language of Math/Variable b) Inductive and deductive reasoning c) Interpolation and Extrapolation</p> <p>16 - Math Analysis: a) Language of Math/Variable b) Inductive and deductive reasoning c) Interpolation and Extrapolation</p> <p>23 – [SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)]</p> <p>30- Math Analysis: d) Constructing Data Tables/ Charts / Graphs e) Scientific Diagrams</p>	<p>OCT 2017</p> <p>7 – Scientific Inquiry: a)Thinking like a scientist; b)Observing; c)Collecting information; d)Organizing Information; e) Questioning</p> <p>14 - Scientific Inquiry: f)Formulating Hypothesis; g)Testing Hypothesis; h) Controlling Test; i) Reporting Results; j) Forming Laws and theories.</p> <p>21 – Engineering & Design</p> <p>28 - <u>TEST 1</u> [UNIT 1]</p>
<p>NOV 2017</p> <p>4 – <u>TEST DISCUSSION</u></p> <p>11 - <u>UNIT 2 –THE LIVING ENVOIREMENT</u> The Unity & Diversion of Life: a)Concepts of Life; b)Unity of Life; c)Life functions; d)Cells</p> <p>18– The Unity & Diversion of Life: e)Needs of living tings; f)Diversity of life; g)Classification</p> <p>25 –[SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)] ***** (Thanks Giving weekend) *****</p>	<p>DEC 2017</p> <p>2` Levels of Organization in Living Things: a) Skeletal System</p> <p>9 – Levels of Organization in Living Things: b) Muscular System</p> <p>16 - Levels of Organization in Living Things: a) Nervous System</p> <p>23 – [SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)] ***** (Christmas weekend) *****</p> <p>30– Levels of Organization in Living Things: d)Digestive System</p>

<p>JAN 2018</p> <p>6– Levels of Organization in Living Things: e) Endocrine System</p> <p>13 – Levels of Organization in Living Things: f) Circulatory System</p> <p>20 – Levels of Organization in Living Things: g) Respiratory System</p> <p>27 – Levels of Organization in Living Things: h) Excretory System</p>	<p>FEB 2018</p> <p>3 – Levels of Organization in Living Things: i) Human Reproductive System</p> <p>10 – <u>TEST 2</u> [UNIT 2- Chap 4 &5]</p> <p>17 - <u>TEST DISCUSSION</u></p> <p>24 - The Maintenance of Life</p>
<p>MAR 2018</p> <p>3– The Continuity of Life</p> <p>10 –_The Evolution & Diversity of Life</p> <p>17 – The Maintenance of Life</p> <p>24 - The Evolution & Diversity of Life</p> <p>31 - Geology</p>	<p>APR 2018</p> <p>7 - – Energy & Motion, Forces, Machines</p> <p>14- Ecology</p> <p>21 – Nature of Ecosystem</p> <p>28 - <u>UNIT 3 –PHYSICAL SETTING: Astronomy</u></p>
<p>MAY 2018</p> <p>5 – Meteorology</p> <p>12 – Chemistry</p> <p>19 – Chemistry</p> <p>26 – [SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)] ***** (Labor Weekend)</p>	<p>JUNE 2018</p> <p>2 – – Astronomy</p> <p>9– <u>TEST 4</u></p> <p>16 - TEST DISCUSSION</p> <p>23– IMPROVEMENT DISCUSSION</p> <p>26 –LAST DAY SCHOOL</p>

JULY – SEPT: (School Holidays)

- CPR
- Any Project

SCIENCE:

GRADE 4 & 5

BOOK: NEW YORK STATE GRADE 4 ELEMENTARY –
LEVEL- SCIENCE TEST (BARRON'S)

By: Priya (Sara)Patel

2017 – 2018 CURRICULUM

<p>SEPT 2017</p> <p>9 – INTRODUCTION &</p> <ul style="list-style-type: none">• Living Vs Nonliving: Classification living & nonliving things & Life Process <p>16 – Plants: a) Photosynthesis ; b) Plant Structure ; c) Reproduction</p> <p>23 – [SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)]</p> <p>30 Plants: c) Reproduction ; d) Adaptations ; e) Life Cycle</p>	<p>OCT 2017</p> <p>7 - <u>TEST 1</u></p> <p>14 – <u>TEST DISCUSSION</u> &</p> <ul style="list-style-type: none">• Introduction to Organ System <p>21 - Animals: Organ Systems: Digestive System</p> <p>28 - Animals: Organ Systems: Digestive System</p>
<p>NOV 2017</p> <p>4 – - Animals: Organ Systems: Respiratory System</p> <p>11 - Animals: Organ Systems: Respiratory System</p> <p>18 - Animals: Organ Systems: Locomotion System</p> <p>25 [SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)] ***** (Thanks Giving weekend) *****</p>	<p>DEC 2017</p> <p>2 - Animals: Organ Systems: Circulatory System</p> <p>9- Animals: Organ Systems: Circulatory</p> <p>16 : Animals: Organ Systems: Urinary System</p> <p>23 – [SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)] ***** (Christmas weekend) *****</p> <p>30 : Animals: Organ Systems: Nervous System</p>

<p>JAN 2018</p> <p>6 – RECAP, REVIEW & DISCUSSION</p> <p>13 - <u>TEST 2</u></p> <p>20 – <u>TEST DISCUSSION</u></p> <p>27 - <u>Genetics</u>: Introduction & Family Tree</p>	<p>APR 2018</p> <p>7 – Good Health & Ecology</p> <p>14 - Matter & Energy</p> <p>21 – Energy & Forces</p> <p>28 - Weather & Water & Weathering & Erosion</p>
<p>FEB 2018</p> <p>3 – Genetics: DNA & Genes</p> <p>10 – Genetics: Environmental Traits</p> <p>17 - <u>Genetics</u>: Extra</p> <p>24 – RECAP, REVIEW & DISCUSSION</p>	<p>MAY 2018</p> <p>5 – RECAP, REVIEW & DISCUSSION</p> <p>12 – <u>TEST 4</u></p> <p>19 – <u>TEST DISCUSSION</u></p> <p>26 – [SUBSTITUTE: (I AM UNABLE TO TAKE CLASS)] ***** (Labor Weekend)</p>
<p>MAR 2018</p> <p>3 – <u>TEST 3</u></p> <p>10 – <u>TEST DISCUSSION</u></p> <p>17 – Astronomy</p> <p>24 – Astronomy</p> <p>31 – Astronomy</p>	<p>JUNE 2018</p> <p>2 – <u>TEST 5</u> : Final Test</p> <p>9 - TEST DISCUSSION</p> <p>16 – ALL TEST DISCUSSION</p> <p>23 – IMPROVEMENT DISCUSSION</p> <p>26 –LAST DAY SCHOOL</p>

JULY – SEPT: (School Holidays)

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