**SYLLABUS**

**MAJOR MATH SCIENCE GRADE 1**

**Materials:** Major Math grade 1

Major Science grade 1

**Course length**: 34 weeks

|  |  |  |  |  |  |  |
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| **WEEK** | **PERIOD** | **SUBJECT** | **UNIT** | | **CONTENT** | **OBJECTIVE** |
| **1** | **1+2** | **MATH** | **Unit 1**  **COUNTING TO 4** | | - Counting numbers 0 – 4 (zero, one, two, three, four)  - ***Words***: cat, fish, dog, bird, apple, banana, orange, boy, girl, teacher, finger.  - ***Story***: My fingers | Students will be able to:  - recognize and say numbers 0-4.  - count numbers within 4. |
| **2** | **3+4** | **SCIENCE** | **Unit 1**  **BODY PARTS** | | - **Words**: Body parts: eye, ear, nose, tongue, hand - **Story**: What's this? | Students will be able to learn the body parts of the 5 senses. |
| **3** | **5** | **MATH** | **Unit 2**  **WE HAVE 4 PENCILS** | | - Adding numbers within 4 ( One plus three equals four)  - ***Words***: pencil, book, chair, duck, bag, strawberry, star, tree.  - ***Story***: My pencils | Students will be able to:  - learn how to say the addition equation.  - add numbers within 4. |
| **6** | ***MATH PROJECT*** | | | | |
| **4** | **7+8** | **SCIENCE** | **Unit 2**  **FIVE SENSES** | | - 5 senses: see, hear, smell, taste, touch - Story: My senses - Values: Know my senses | Students will be able to:  - learn the 5 senses. - match the body parts with the 5 senses. |
| **5** | **9+10** | **MATH** | **Unit 3**  **HOW DO WE TAKE AWAY?** | | - Subtracting numbers within 4 (Four minus one equals three)  - ***Words***: flower, watermelon, egg, balloon, carrot.  - ***Story***: My bananas | Students will be able to:  - learn how to say the subtraction equation.  - add numbers within 4. |
| **6** | **11** | **SCIENCE** | **Review 1** | | Revision from Unit 1 and Unit 2 | |
| **12** | ***SCIENCE PROJECT*** | | | | |
| **7** | **13+14** | **MATH** | **Review 1** | | Revision from Unit 1 to Unit 3 | |
| **8** | **15+16** | **SCIENCE** | **Unit 3**  **SICKNESS** | | - **Words**: Sickness: fever, cough, headache, stomachache - **Phrases**: Should: see a doctor, take medicine, drink more water, rest. - **Story**: Tim is sick. | Students will be able to:  - learn some common sicknesses.  - learn what you should do when you get sick. |
| **9** | **17** | **MATH** | **Unit 4**  **COUNTING TO 8** | | - Counting numbers 5 – 8 (five, six, seven, eight)  ***- Words***: teddy bear, rabbit, children, lion, bike, kangaroo, lollipop, pizza.  ***- Story***: My crayons | Students will be able to:  - recognize and say numbers 5-8.  - count numbers within 8. |
| **18** | ***MATH PROJECT*** | | | | |
| **10** | **19+20** | **SCIENCE** | **Unit 4**  **STAY HEALTHY** | | - **Phrases**: Stay healthy: do exercises, eat healthy, sleep early - **Words**: Healthy food: protein, vegetables, fruits, grains. **- Story**: I am healthy | Students will be able to:  - learn what you should do to stay healthy. - learn about healthy food. - recognize food in each category. |
| **11** | **21+22** | **MATH** | **Unit 5**  **HOW MANY PEOPLE ARE THERE?** | | - Adding numbers within 8 (Two plus four equals six)  ***- Words***: bee, mom, dad, chicken,cow  ***- Story***: My books | Students will be able to:  - learn how to say the addition equation.  - add numbers within 8. |
| **12** | **23** | **SCIENCE** | **Review 2** | | Revision from Unit 3 and Unit 4 | |
| **24** | ***SCIENCE PROJECT*** | | | | |
| **13** | **25+26** | **MATH** | **Unit 6**  **COUNTING THE ANIMALS LEFT** | | - Subtracting numbers within 8  ( Seven minus two equals five)  - ***Words***: crocodile, bear, key, cupcake, mouse, turtle, ball.  - ***Story***: My balls | Students will be able to:  - learn how to say the subtraction equation.  - add numbers within 8. |
| **14** | **27+28** | **SCIENCE** | **Unit 5**  **LIVING AND NON-LIVING THINGS** | | - **Words**: Living things and non-living things **- Story**: A living fish | Students will be able to learn about recognizing living and non-living things. |
| **15** | **29** | **MATH** | **Semester 1 Review** | | Revision from Unit 1 to Unit 6 | |
| **30** | ***MATH PROJECT*** | | | | |
| **16** | **31+32** | **SCIENCE** | **Semester 1 Review** | | Revision from Unit 1 to Unit 5 | |
| **17** | **33**  **34** | **MATH SCIENCE** | | **SEMESTER 1 TEST** | | |
| **18** | **35+36** | **MATH** | **Unit 7**  **COUNTING TO 10** | | - Counting numbers 9, 10 (nine, ten)  - ***Words***: table, chair, kite.  - ***Story***: My lollipops | Students will be able to:  - Recognize and say numbers 9-10.  - Count numbers within 10. |
| **19** | **37+38** | **SCIENCE** | **Unit 6**  **PARTS OF PLANTS** | | - **Words**: Parts of plants: roots, flowers, leaves, fruits, stems **- Story**: My plant | Students will be able to recognize the parts of plants. |
| **20** | **39** | **MATH** | **Unit 8**  **THESE ARE 10 HATS** | | - Adding numbers within 10 (Six plus four equals ten)  - ***Words***: hat, scarf, T-shirt, jacket, skirt, socks, ice-cream.  - ***Story***: Let’s play | Students will be able to:  - Learn how to say the addition equation.  - Add numbers within 10. |
| **40** | ***MATH PROJECT*** | | | | |
| **21** | **41+42** | **SCIENCE** | **Unit 7**  **WHAT PLANTS NEED** | | - **Words:** Plants basic needs: Sun, air, water, soil - **Story**: What do plants need? | Students will be able to  know about the basic need of plants to take care of your plant. |
| **22** | **43+44** | **MATH** | **Unit 9**  **TAKING AWAY FROM 10** | | - Subtracting numbers within 10 ( Ten minus six equals four)  - ***Words***: milk, snack, sandwich, donut, cup.  - ***Story***: My apple tree | Students will be able to:  - Learn how to say the subtraction equation.  - Add numbers within 10. |
| **23** | **45** | **SCIENCE** | **Review 3** | | Revision from Unit 6 to Unit 7 | |
| **46** | ***SCIENCE PROJECT*** | | | | |
| **24** | **47+48** | **MATH** | **Review 2** | | Revision from Unit 7 to Unit 9 | |
| **25** | **49+50** | **SCIENCE** | **Unit 8**  **PARTS OF ANIMALS** | | - **Words:** Parts of animals: wings, beak, tail, horns **- Story**: Animals | Students will be able to recognize some the parts of animals. |
| **26** | **51** | **MATH** | **Unit 10**  **GREATER THAN – LESS THAN – EQUAL TO** | | - Comparing numbers within 10 (Four is greater than three, six is less than ten, three is equal to three.)  ***- Words***: cup, plate, bee, flower, rabbit, carrot, ruler.  ***- Story***: My ruler | Students will be able to:  - Compare number within 10.  - Say the comparation equation. |
| **52** | ***MATH PROJECT*** | | | | |
| **27** | **53+54** | **SCIENCE** | **Unit 9**  **WHAT ANIMALS NEED** | | - **Words:** Animal basic needs: shelter, air, food, water **- Story**: This is my dog. | Students will be able to  - know about the basic need of animals. - take care of your pet. |
| **28** | **55+56** | **MATH** | **Unit 11**  **WHAT SHAPE IS IT?** | | - Recognizing shapes: circle, triangle, square.  - ***Words***: clock, ruler, window, CD, flag.  - ***Story***: Shapes around us. | Students will be able to:  - Recognize basic shapes.  - Tell the shapes. |
| **29** | **57** | **SCIENCE** | **REVIEW 4** | | Revision from Unit 6 to Unit 7 | |
| **58** | ***SCIENCE PROJECT*** | | | | |
| **30** | **59+60** | **MATH** | **Unit 12**  **LONGER OR SHORTER** | | Learning how to measure length (cm)  - ***Words***: train, bus, sofa, car, pencil case, eraser, corn, cucumber.  - ***Story***: How long is a pencil? | Students will be able to Measure objects using centimeters (cm). |
| **31** | **61+62** | **SCIENCE** | **Unit 10**  **WEATHER AND CLOTHES** | | - **Words:** Weather: rainy, sunny, cold hot, windy, stormy, snowy, cloudy. **- Story**: It is hot. | Students will be able to  - learn about weather. - know what you should wear for the weather. |
| **32** | **63** | **MATH** | **Semester 2 Review** | | Revision from Unit 10 to Unit 12 | |
| **64** | ***MATH PROJECT*** | | | | |
| **33** | **65+66** | **SCIENCE** | **Semester 2 Review** | | Revision from Unit 10 to Unit 12 | |
| **34** | **67**  **68** | **MATH SCIENCE** | **SEMESTER 2 TEST** | | | |