**ST. ANGELLA NURSERY DAY AND BOARDING PRIMARY SCHOOL**

**P.2 MATHEMATICS LESSON NOTES**

**TERM III 2022**

**WEEK 1**

**Lesson 1**

Counting and writing numbers (700 - 800)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 |
| 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 |
| 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 |
| 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 |
| 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | 759 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | 769 |
| 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 |
| 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 |
| 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 |
| 800 |

**Lesson 2**

Counting and writing numbers (801 - 900)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 |
| 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 |
| 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 |
| 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 |
| 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 |
| 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 |
| 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 |
| -- | -- | -- | -- | -- | -- | -- | -- | - | 880 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | 890 |
| 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 |

**Lesson 3**

Counting and writing numbers (901-1000)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 |
| 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 |
| 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 |
| 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 |
| 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 |
| -- | -- | -- | -- | -- | -- | - | -- | -- | 960 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | 970 |
| 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 |
| 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 |
| 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 |

**Lesson 4**

Number names 700 – 800

|  |  |
| --- | --- |
| Number symbols | Number name |
| 700  710  750  766  744  777  784  790  794  799  800 | Seven hundred  Seven hundred ten  Seven hundred fifty  Seven hundred sixty six  Seven hundred forty four  Seven hundred seventy seven  Seven hundred eighty four  Seven hundred ninety  Seven hundred ninety four  Seven hundred ninety nine  Eight hundred |

**Activity**

Write the following in words.

1. 720 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 740 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 780 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. 715 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. 751 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson 5**

Number names (801 - 900)

|  |  |
| --- | --- |
| Number symbols | Number name |
| 804  860  870  880  890  897  816  867 | Eight hundred four  Eight hundred sixty  Eight hundred seventy  Eight hundred eighty  Eight hundred ninety  Eight hundred ninety seven  Eight hundred sixteen  Eight hundred sixty seven |

**Activity**

Match correctly

529 Eight hundred fifty

530 Eight hundred thirty seven

845 Five hundred twenty nine

837 Five hundred thirty

850 Eight hundred forty five

**WEEK 2**

**Lesson 1**

Number names (901 - 1000)

|  |  |
| --- | --- |
| Number symbols | Number names |
| 904  910  920  972  999  1000  998 | Nine hundred four  Nine hundred ten  Nine hundred twenty  Nine hundred seventy two  Nine hundred ninety nine  One thousand  Nine hundred ninety eight |

**Activity**

Write in words

1. 966
2. 978
3. 914
4. 109
5. 922

**Lesson 2**

Telling and indicating the exact time

There are two hands in a clock face

1. The hour hand (short)
2. The minute hand (long)

1 hour = 60 minutes

1 minute = 60 seconds

**Examples**

1.

It is 7 o’clock

2.

It is 10 o’clock

**Activity**

Indicate the given time on the clock face

1. b)

It is 11 o’clock It is 2 o’clock

**Lesson 3**

Telling time using a half past

**Examples**

It is a half past 1 o’clock

b)

It is a half past 8 o’ clock

**Activity**

Tell the time using a half past

1.

It is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. It is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. It is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson 4**

Telling time using a quarter past

A quarter means 15 minutes

**Examples**

It is a quarter past 5 o’clock

It is a quarter past 11 o’clock

**Activity**

Tell the time

a)

It is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b)

It is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson 5**

Telling time using a quarter to

**Examples**

1.

It is a quarter to 1 o’clock

2.

It is a quarter to 7 o’clock

**Activity**

Tell the time

1. b)

It is \_\_\_\_\_\_\_\_\_\_\_ It is \_\_\_\_\_\_\_\_\_\_\_\_\_

**WEEK 3**

**Lesson 1**

Dividing a two digit number by 3

Dividing means sharing

**Examples**

1. 12 ÷ 3 = 4 2. 15 ÷3 = 5

**Activity**

Divide / share the following

1. 21÷ 3 = \_\_\_\_
2. 18 ÷ 3 = \_\_\_\_
3. 27÷ 3 = \_\_\_\_

**Lesson 2**

Dividing a two digit number by 4

**Examples**

1. 24 ÷ 4 = 6 2. 12 ÷ 4 = 3

**Activity**

Divide the following

1. 16 ÷ 4
2. 20 ÷ 4
3. 28 ÷4

**Lesson 3**

More division by 3 and 4

**Examples**

1. Share 15 sticks among 3 boys,

Each boy will get 5 sticks.

15 ÷ 3 = 5 sticks

1. Divide 12 apples among 4 girls.

How many apples will each girl get?

12 ÷ 4 = 3 apples

**Activity**

Work out

1. Share 12 stones among 3 boys
2. Share 16 books among 4 schools. Each school will \_\_\_\_\_\_ books
3. Divide 8 by 4

**Lesson 4**

**Recognizing money**

1. Notes / paper money
2. Coins

|  |  |
| --- | --- |
| Coin money we have | Notes money we have |
| Shillings 50  Shillings 100  Shillings 200  Shillings 500  Shillings 1000 | Shillings 1,000  Shillings 2,000  Shillings 5,000  Shillings 10,000  Shillings 20,000  Shillings 50,000 |

**Activity**

Draw the following coins

1. Shillings 50 coin c) shillings 200 coin
2. Shillings 100 coin

**Lesson 5**

Addition of money

**Examples**

1. shs. 600 2. Shs. 550 3. Shs. 400

+shs.200 +shs.200 +shs. 350

Shs. 800 shs 750 shs. 750

**Activity**

Add the following correctly.

1. Shs. 100 b) shs. 720 c) shs. 250

+shs.400 +shs.150 +shs. 300

**WEEK 4**

**Lesson 1**

More addition of money

**Examples**

1. Juma had shs.250. His friend gave him shs.300.

How much did Juma have altogether?

Shs.250

+shs.300

Shs.550

1. Sarah had shs.700, Mary gave her shs.300.

How much did she get altogether?

Shs.700

+shs.300

Shs.1000

**Activity**

1. Amina has shs.600, Feta has shs.300.

How much do they have altogether?

1. Ethan has shs.500, Shaka has shs.300.

How much do they have altogether?

**Lesson 2**

Subtraction of money

**Examples**

1. Shs.950 2. Shs.500

-Shs.550 -Shs.200

Shs.400 Shs.300

**Activity**

Subtract this money

1. Shs.600 2. Shs.150 3. Shs.350

+Shs.400 +Shs. 50 +Shs.200

**Lesson 3**

More subtraction of money

**Examples**

1. Alinda had shs.700, she gave away shs.200

How much did she remain with?

Shs.700

-Shs.200

Shs.500

1. Mathias had shs.950 he gave Faith shs.300

How much did Mathias remain with?

Shs.950

-Shs.300

Shs.650

**Activity**

1. Tina had shs.550, she gave away shs.350.

How much money did she remain with?

1. Sarah had shs.800 and she bought a bag at shs.500.

How much money did she remain with?

**Lesson 4**

**Shopping list**

Study John’s shopping list and answer the questions

|  |  |
| --- | --- |
| Item | Cost |
| Book  Pen  Bag  Pencil | Shs.400  Shs.500  Shs.1000  Shs.200 |

**Examples**

1. How much did John pay for a pen?

He paid shs.500

1. How much did he buy a bag and a pencil?

shs.1000

+shs. 200

Shs.1200

**Activity**

1. How many items did John buy?
2. What is the cost of a book and a pen?
3. Which item was the most expensive?
4. Which item is the cheapest?

**Lesson 5**

**Fractions (Drawing and naming)**

A fraction is a part of a whole

**Naming shaded fractions**

**Examples**

= 1

4

= One out of two

Three out of eight

**Activity**

Name the shaded fractions

= \_\_\_\_\_\_\_ =\_\_\_\_\_\_ = \_\_\_\_\_\_

**WEEK 5**

**Lesson 1**

Naming the unshaded factions

**Examples**

= Three out of four

= Four out of six

= One out of two

**Activity**

Name the unshaded parts

= \_\_\_\_\_\_ = \_\_\_\_\_\_ = \_\_\_\_\_\_

**Lesson 2**

Addition of fractions

**Examples**

1) 4 + 2 = 4 + 2 = 6

10 10 10 10

2)3 + 2 = 3 + 2 = 5

9 9 9 9

**Activity**

Add these fractions

1. 5 + 2 b) 1 + 1 c) 5 + 4

9 9 4 4 10 10

**Lesson 3**

More addition of fractions

**Example**

1. Find the sum of 2 and 4?

1. 9

2 + 4 = 2 + 4 = 6

99 9 9

2. Maria ate 3 in the morning and 4 in the afternoon.

11 11

Which fractions did she eat altogether?

3 + 4 = 3 + 4 = 7

11 11 11 11

**Activity**

1. A teacher had 3 and a child had 2

7 7

How many fractions did they have altogether?

1. What is 4 and 5 more?

12 12

**Lesson 4**

Subtraction of fractions

**Examples**

1)8 - 2 = 8 - 2 = 6

10 10 10 10

2) 9 - 3 = 9 - 3 = 6

9 9 9 9

**Activity**

Subtract these fractions

a) 5- 1 b) 6 - 3 c) 4 - 2

6 6 8 8 5 5

**Lesson 5**

More subtraction of fractions

**Examples**

1. John ate 6 of a cake. Which fraction remained?

11

11 - 6 = 11 - 6 = 5

11 11 11 11

2. What is 8 minus 4 equal to?

9 9

8 - 4 = 8 - 4 = 4

9 9 9 9

**Activity**

1. Take away 2from 7?
2. 9
3. Jacob had 9 of an orange, he gave away 5 of it.

10 10

What fraction remained?

**WEEK 6**

**Lesson 1**

Multiplication by 6

**Examples**

1 x 6 = 6

2 x 6 = 12 +

3 x 6 = 18 + +

4 x 6 = 24 + + +

5 x 6 = 30 + + + + +

**Activity**

Work out

1. 12 x 6 = \_\_\_\_\_\_\_\_
2. 11 x 6 = \_\_\_\_\_\_\_\_
3. 10 x 6 = \_\_\_\_\_\_\_\_
4. 9 x 6 =\_\_\_\_\_\_\_\_

**Lesson 2**

Multiplication by 7

**Examples**

5 x 7 = 35 + + + +

6 x 7= 42 + + + ++

4 x 7 = 28 + + +

2 x 7 = 14 +

**Activity**

Multiply correctly

1. 3 x 7 =
2. 6 x 7 =
3. 1 x 7=
4. 7 x 7 =
5. 10 x 7 =

**Lesson 3**

Multiplication by 8

**Examples**

1 x 8 = 8

2 x 8 = 16 +

3 x 8 = 24 + +

4 x 8 = 32 + + +

**Activity**

Multiply correctly

1. 5 x 8 =
2. 6 x 8 =
3. 7 x 8 =
4. 8 x 8 =
5. 9 x 8 =

**Lesson 4**

Multiplication by 10

**Examples**

1. 1 x 10 = 10
2. 2 x 10 = 20 +
3. 1 0 4. 1 0 5. 1 0

X 3 x 7 x 9

3 0 7 0 9 0

**Work out**

1. 4 x 10 c) 1 0
2. 6 x 10 x 8

**Lesson 5**

**Days of the week**

There are seven days in a week

|  |  |  |
| --- | --- | --- |
| Days | Short form | Position |
| Sunday  Monday  Tuesday  Wednesday  Thursday  Friday  Saturday | Sun  Mon  Tue  Wed  Thurs  Fri  Sat | 1st  2nd  3rd  4th  5th  6th  7th |

**Activity**

1. How many days make a week?
2. Name the first day of the week
3. Write in full
4. Wed
5. Sat
6. Mon

**WEEK 7**

**Lesson 1**

Months of the year

There are twelve months in a year

|  |  |  |  |
| --- | --- | --- | --- |
| Months | Short forms | Days | Position |
| January  February  March  April  May  June  July  August  September  October  November  December | Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sept  Oct  Nov  Dec | 31  28/29  31  30  31  30  31  31  30  31  30  31 | 1st  2nd  3rd  4th  5th  6th  7th  8th  9th  10th  11th  12th |

**Activity**

1. How many months make a year?
2. Name the 6thmonth of the year
3. How many days are in November?

**Lesson 2**

**Calendar**

The calendar below shows the month of October 2018

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sun | Mon | Tue | Wed | Thurs. | Fri | Sat |
| 7  14  21  28 | 1  8  15  22  29 | 2  9  16  23  30 | 3  10  17  24  31 | 4  11  18  25 | 5  12  19  26 | 6  13  20  27 |

**Activity**

1. Which month has been shown above?
2. How many days are in this month?
3. On which day did the month start?
4. How many Sundays are in the month?

**Lesson 3**

Measuring and comparing length using longer or shorter

**Examples**

**A**

**B**

1. Ruler A is longer than ruler B
2. Ruler B is shorter than ruler A

**Activity**

**M**

**N**

1. Pencil M is \_\_\_\_\_\_\_\_ than pencil N
2. Pencil N is \_\_\_\_\_\_\_\_ than pencil M

**Lesson 4**

Addition of metres

**Examples**

a) 1 8metres b) 2 metres + 6 metres

+2 0 metres = 8 metres

3 8 metres

**Activity**

Add the following metres

1. 4 2 metres 2. 1 0 metres 3. 1 4 metres

+ 1 2 metres + 3 5 metres +3 2 metres

4. 10 metres + 4 metres =

**Lesson 5**

More addition of metres

**Examples**

1. A stick is 4 metres and a pen is 7 metres.

How many metres do they have?

4 metres + 7 metres = 11 metres

1. A String is 11metres and a thread is 14 metres.

How many metres are they altogether?

1 0metres

+ 14 metres

2 4 metres

**Activity**

1. A ruler is 15 metres and a nail is 3 metres.

How many metres are they altogether?

1. A chair is 10 metres and a table is 70metres.

How many metres do they have altogether?

**WEEK 8**

**Lesson1**

Subtraction of metres

**Examples**

1. 12 metres – 6 metres = 6 metres

2. 5 3 metres

- 1 0 metres

4 3 metres

**Activity**

a) 6 3 metres b) 8metres - 3 metres = \_\_\_\_\_\_\_\_\_

- 2 1 metres

c) 6 5 metres

- 6 2 metres

**Lesson 2**

More subtraction of metres

**Examples**

1. A boy had 47 metres and he gave away 21 metres.

How many metres remained?

4 7 metres

-2 1 metres

2 6 metres

2. What is the difference between 54 metres and 12 metres?

5 4 metres

-1 2 metres

4 2 metres

**Activity**

1. Feta had 85 metres and he gave away 33 metres.

How many metres did he remain with?

1. Tom had 71 metres and he lost 21metres.

How many metres remained?

1. Take away13 metres from 96 metres

**Lesson 3**

Measuring and comparing weight in kg

**Examples**

10kg 7kg

1. Which object is heavier?

A box

1. Which object is lighter

Tin

**Activity**

1. What is the weight of the tin?
2. Find the total weight of the stone and the box
3. How many more kg is the box than the tin?

**Lesson 4**

Addition of weight in kilograms

**Examples**

a) 8 2kg b) 7 kg + 9 kg

+1 3 kg = 16 kg

9 5 kg

**Activity**

Add the following kgs

1. 2 5 kg 2. 4 7 kg

+ 2 2 metres + 3 2 kg

3. 10 kg + 4 kg = \_\_\_\_\_\_\_\_

**Lesson 5**

More addition of weight in kilograms

**Examples**

1. Daddy bought 8kg of sugar, mummy bought 3kg of sugar.

How many kilograms did they buy together?

8kg + 3kg = 11kg

1. 8kg plus 5kg = 13 kg

**Activity**

1. 4kg plus 4 kg equals \_\_\_\_\_\_\_\_\_

2. What is 3kg and 9kg more?

3. Joan had 14 kg of flour and Maria had 20kg.

How many kg did they have?

**WEEK9**

**Lesson 1**

Subtraction of weight in kg

**Examples**

1. 14 kg – 4 kg = 10 kg

2. 8 8 kg

- 5 4 kg

3 4 kg

**Activity**

a) 5 6 kg b) 7 6 kg

- 2 3 kg -2 6 kg

c) 3 9 kg

- 1 2 kg

**Lesson 2**

More subtraction of weight in kilograms

**Examples**

1. A girl had 64kg and he lost 12kg. How many kg remained

6 4 kg

-1 2 kg

5 2 kg

2. 16kg – 12kg equals 4kg

1 6 kg

1 2 kg

\_ 4 kg

**Activity**

1. 8kg minus 1kg equals \_\_\_\_\_\_\_\_

2. What is 9kg and 2kg less?

3. Remove 4kg from 9kg

**Lesson 3**

Drawing and naming shapes

Circle Triangle

Rectangle Square

Cylinder kite

Oval

Cone

Name the shape marked

a)\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b)\_\_\_\_\_\_\_\_\_\_\_\_

c)\_\_\_\_\_\_\_\_\_\_

d)\_\_\_\_\_\_\_\_\_\_\_\_

e)\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson 4**

Perimeter of a rectangle

Perimeter is the distance around a given shape

**Example**

4cm Perimeter = side + side + side + side

P = s + s + s +s

3cm 3 cm P = 4cm + 3cm + 4cm + 3cm

P = 14cm

4cm

**Activity**

Find the perimeter of the following figures

1. 6cm b) 4cm

3cm 3cm 2cm 2cm

6cm

6cm 4cm

**Lesson 5**

Perimeter of a square

**Examples**

2cm Perimeter = side + side + side + side

P = s + s + s + s

2cm 2cm P = 2cm + 2cm + 2cm + 2cm

P = 8cm

2cm

**Activity**

Find the perimeter of the following square

1. 3cm b) 5cm

3cm 3cm 5cm 5cm

3cm

5cm

c) 4cm

4cm 4cm

4 cm

**WEEK 10**

**Lesson 1**

Area of a rectangle

**Examples**

1. 4cm Area = length x width

A = L x W

2cm 2cm A =4cm x 2cm

A = 8cm2

4cm

1. 6cm

A = L x W

3cm 3cm A = 6cm x 3cm

A= 18cm2

6cm

**Activity**

Find the area of these rectangles

4cm 5cm

3cm

4cm

**Lesson 2**

Area of a square

**Examples**

1. 5cm A= side x side

5cm 5cm A = 5cm x 5cm

A = 25cm2

5cm

1. 4cm

A = S x S

4cm A = 4cm x 4cm

A = 16cm2

**Activity**

Find the area of the squares

2cm

7cm

2cm

7cm

**Lesson 3**

Addition with regrouping

**Examples**

1. 3 4 4 +

+1 2 6 +

4 7 0 +

1. Kato had 37 pencils. Waswa had 19 pencils.

How many pencils did they have altogether?

3 7 pencils

+ 1 9 pencils

5 6 pencils

**Activity**

1. 7 7

+ 1 3

1. Add 64 to 47
2. Daddy bought 28 goats and mummy bought 13 goats.

How many goats did they buy?

**Lesson 4**

Subtraction with regrouping

**Examples**

1. 8 2 2. Take away 55 from 80

-1 4

6 8

**Activity**

Work out

1. 4 1 2. 9 2

-2 6 -4 6

3. Remove 47 from 60