



Grade 2 Calendar Quests – Double Dates Roman Numerals

Monthly Math Calendar Patterns

Aligned with the BC Math Curriculum

Set 1 Roman Numerals Count By 2

Pattern overview

This month's pattern represents doubles of the date using roman numerals . The pattern has two elements, the number represented as Roman Numerals and a two colour pattern alternating between blue and green.

Preparation

The Cards

1. Print the Calendar Quest cards on white cardstock for best results. The cards are designed at a 10cmx10cm size, it maybe necessary to scale them to fit your calendar pocket chart.
2. Cut the cards out on the black lines
3. Place the cards printed side facing towards the pocket chart in your calendar pocket chart.

The Observations Chart

1. On a sheet of chart paper draw vertical lines to create four columns
 - a. Date
 - b. Colour
 - c. Roman Numeral
 - d. Modern Number
2. Fill in the date column for this month
3. Hang up your observations chart

Daily Activities

Day 1 - Introducing the Calendar Quest to Students

1. Have any of the days that have already passed this month flipped right side out.

2. Ask students what they see when they look at the cards.

Day 2

1. Ask students what they see when they look at at the cards
2. Have students predict what today's card will be
3. Introduce the calendar quest observations chart
4. What do students notice about the chart?
5. Fill in the chart for the days so far – do not fill in the modern numeral

Days 3-9 update

1. Review the cards already on the chart
2. Predict today's card
3. Record today's card on the observations chart

Day 10

1. Update as before
2. Reveal the first two lines of the Decoder Key
3. Ask students to use the Decoder Key to see if they can solve any of the patterns
4. Have students predict what the other characters on the chart could mean
5. Reveal the third line of the Decoder Key
6. Discuss what it means

Day 11-14

1. Update as before
2. Focus on groupings of 5 and 10
3. Model the number with base ten blocks as a class

Day 15

1. Update as before
2. Focus on groupings of 5 and 10
3. Model the number with base ten blocks as a class
4. Reveal the fourth line of the decoder key
5. Discuss what it means and why it might have been used

Day 16+

1. Update as before
2. Focus on groupings of 5 and 10
3. Model the number with base ten blocks as a class

Last day of the month

1. Review everything on the chart
2. Hand out the calendar extender sheets
3. Students complete extender sheet on own

Sample Calendar Quest Observation Chart

Date	Colour	Roman numeral	Modern numeral
1.	Blue	II	2
2.	Green	IV	4
3.	Blue	VI	6
4.	Green	VIII	8
5.	Blue	X	10
6.	Green	XII	12
7.	Blue	XIV	14
8.	Green	XVI	16
9.	Blue	XVII	18
10.	Green	XX	20
11.	Blue	XXII	22
12.	Green	XXIV	24
13.	Blue	XXVI	26
14.	Green	XXVIII	28
15.	Blue	XXX	30
16.	Green	XXXII	32
17.	Blue	XXXIV	34
18.	Green	XXXVI	36
19.	Blue	XXXVIII	38
20.	Green	XL	40
21.	Blue	XLII	42
22.	Green	XLIV	44
23.	Blue	XLVI	46
24.	Green	XLVIII	48
25.	Blue	L	50
26.	Green	LII	52
27.	Blue	LIV	54
28.	Green	LVI	56
29.	Blue	LVIII	58
30.	Green	LX	60
31.	Blue	LXII	62

Calendar Quest Cards

1



2



3

VI

4

VIII

5

X

6

XIII

7

XIV

8

XVI

9

XVIII

10

XX

11

XXII

12

XXIV

13

XXVI

14

XXVIII

15

XXX

16

XXXIII

17

XXXIV

18

XXXVI

19

XXXVIII

20

XX

21

XXII

22

XLIV

23

XLVI

24

XLVIII

25



26



27

LIV

28

LVI

29

LVIII

30

LX

31

LXII

Decoder Key

Roman Numeral	Modern Numeral
I	1
V	5
X	10
L	50
C	100

