

Lesson 2.

Flow

Obj: st. will further explore number systems and start creating their own system.

[+ Reinforcing class routines
+ Diagnostic Test]

Outcomes:

↳ Will know about the Roman Numerical system

more importantly appreciate the thought behind it.
(evolution)

↳ Start solidifying idea of their own system

↳ Present ideas. (I give feedback).

↳ Work on incorporating feedback.

learn how
work in
groups and
present.

in groups.

Plan

Materials and Routines. (5 min)

~~Check if everyone has~~

Ask 'How many notebooks are we using for Math?'
'How are we taking notes?'

Does everyone have ~~5~~ 5 ~~minutes~~ Lesson 1 in their notebook?
Homework done?

↳ Move around and check.

* Make sure kids are taking notes properly

* Kids use this time to look into ~~your~~ last class notes

Opening

(~~10~~ 5 min)

||||

What does this rep. in sys 1?

oo ||||

in sys 2?

Egypt

Which was better? Why?

'A lot of you have done H.W. I would like to listen to ~~to~~ ideas' of

↳

Symbols used	Rules	Example
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Lohit Yesterday, interesting idea came up.

○ → 50

○ |||| → 53

||| ○ → 47

Roman numerals (10 min)

Now, in another country Rome, people were thinking of a better system.

They thought, let's have some more symbols.

I = 1

II = 2, III = 3, ~~IV~~

V

X

L = 50
C = 100

<u>Symbols</u>	<u>Examples</u>	<u>Rules</u>
I ← I V, X, L, C	2 → ✓ 3 → ✓ 4 → TTTT or <u>IV</u> 9 → VIII or IX	I = 1 X = 10 V = 5 L = 50 C = 100
	90 → LXXXX ↳ XC	* If small no. comes before bigger no. → (-)
	93 → XCIII	* If small no. comes after bigger no. → (+)

Write the following no. → 6, 8, 12, 19, 49, 98

* Do you think it's better than sys 1 and 2? why?

* "I believe you can make a better system."

So, now we will get into groups.

I need five volunteers

Getting into groups and sitting in teams (5 min)

Group work (15 min)

There are around 5 people → each group.

[Take 5 minutes to share your ideas clearly
with your group. (1 min/person)
→ Others will take notes.

As a group, you will decide 1 idea which you will use for presentation on 12th June.

Think about that idea in detail.

[Q → What 3 things you need to think about?

* Kids work in groups. I check the homework.

Presentation (2 min/group) [10 min]

Simple Diagnostic Test (10 min).