

The New Calendar Rhyme

**Thirty days hath July, September:
All the rest have thirty-one; accepting February alone:
Till years DIVIDE by six (6), give a whole week READY:**

**April, June, November and December;
Which hath but twenty-nine, to be (in) fine;
Is it not time to MODIFY or change to make it
perennial, Oh Daddy!**

And make the calendar work with Leap Week Rule!

Recalling my childhood, another method to recall number of days in the year used to be:

*close the left hand fist and COUNT from the *knuckle of little finger* the highs (31 days) and lows (30 days)', except the month of February – next to little finger with 28 days (in Normal Years) or 29 days (during Leap Years) according to Gregorian Leap Day Rule*. **This can be modified as:**

*close the left hand fist and COUNT from the *knuckle of little finger* the highs (31 days) and lows (30 days)', except the month of February – next to little finger with 29 days (ALL Years); and during Leap Years, insert the Leap Day between Sunday, June 30th and Monday, July 01st – *according to "improved" Gregorian Leap Day Rule* i.e. ADD 'leap day' during Div.4/skip128th -years* getting Mean Year = $(365+31/128) = 365.2421875$ days. **Count returns on reaching JUNE (as July)*.**

LEAP WEEKS:

Since the Modified format of calendar SHIFTS only one day i.e. July 31st to the 2nd month as February 29th, over 364-days (in four quarters of each 91-days or 13-weeks, the remaining period of 1.242189669781 day is proposed to ADD an extra Leap Week once EVERY six years (with Added Keplers' Leap Weeks) as per cycle planned i.e. 896-years/159 Leap Weeks or $3*[7*(52+1/6+29/2688)]$ to give (Mean Year: 365.2421875 days) or 834-years/148 Leap Weeks (Mean Year: $7*(52+1/6+9/834)$ days).

The above 'New Calendar Rhyme', uses same nursery *Rhyme* (ignoring the translation) – *could be memorised in HINDI as:*

Tees Din July, September ke:
Baqie Sab ke Ek-Aur-Tees (31):
Chhaya (6) Saal bad, Jab Leap ka Saal Aveye:

April, June, November aur December ke;
Sirf February ke Ek-kum-Tees (29);
Us mein Poora EK SAPTAH aur Badhaveye.

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