

**Assembly Concurrent Resolution**

**No. 25**

**Introduced by Assembly Member Obernolte**

February 17, 2015

Assembly Concurrent Resolution No. 25—Relative to Pi Day.

LEGISLATIVE COUNSEL’S DIGEST

ACR 25, as introduced, Obernolte. Pi Day.

This measure would proclaim March 14, 2015, as Pi Day. The measure would also encourage the organization of appropriate activities that celebrate the significance of Pi, urge the formation of partnerships that provide extended exposure to science, technology, engineering, and mathematics (STEM) learning opportunities, and support the creation of cross-sector STEM networks linking partners from various specified entities to address regional needs in STEM education through information and resource sharing.

Fiscal committee: yes.

- 1 WHEREAS, The Greek letter Pi is the symbol for the ratio of
- 2 a circle’s circumference to its diameter, which is a universal
- 3 constant with applications throughout all science, technology,
- 4 engineering, and mathematics (STEM) disciplines; and
- 5 WHEREAS, The value of Pi was approximated by the Greek
- 6 mathematician Archimedes around 250 BC as 22/7, but the actual
- 7 number is “irrational,” and continues infinitely without pattern or
- 8 repetition; and
- 9 WHEREAS, The value of Pi has been calculated to over one
- 10 trillion digits, but only 39 digits are sufficient to calculate the
- 11 circumference of the known universe; and

1 WHEREAS, Pi Day was founded at the Exploratorium in San  
2 Francisco 27 years ago, and is celebrated annually on March 14th  
3 to correspond with the first three digits of Pi (i.e. 3.14); and

4 WHEREAS, Pi Day will hold special significance in 2015 when,  
5 at 9:26:53 a.m. and p.m., the date and time align with the first 10  
6 digits of Pi (i.e. 3.141592653) for the only time this century; and

7 WHEREAS, According to a 2013 Brookings Institution study,  
8 20 percent of all jobs in the United States require specialized  
9 knowledge in a STEM field; and

10 WHEREAS, The United States Department of Commerce reports  
11 that growth in STEM jobs over the past 10 years was three times  
12 greater than that of non-STEM jobs; and

13 WHEREAS, According to the Organization for Economic  
14 Cooperation and Development (OECD), American students at age  
15 15 are ranked 26th out of the 34 OECD countries in math, and 21st  
16 in science; and

17 WHEREAS, Women, African Americans, and Latinos are  
18 underrepresented in STEM occupations relative to their share of  
19 the workforce; and

20 WHEREAS, Research demonstrates that participation in STEM  
21 fields increases when students are engaged through the hands-on  
22 application of science and mathematics to solve real-world  
23 problems; and

24 WHEREAS, A May 2014 report issued by the Superintendent  
25 of Public Instruction's STEM task force concluded that informal  
26 learning opportunities coupled with a broad array of business,  
27 philanthropic, and community STEM partnerships can play a  
28 critical role in expanding interest, opportunities, and participation  
29 in STEM fields; now, therefore, be it

30 *Resolved by the Assembly of the State of California, the Senate*  
31 *thereof concurring*, That the Legislature proclaims March 14,  
32 2015, as Pi Day; and be it further

33 *Resolved*, That the Legislature does all of the following:

34 (a) Encourages educational institutions, museums, libraries,  
35 parks, businesses, and community-based groups to organize  
36 appropriate activities that celebrate the significance of Pi, and  
37 engage students of all ages in the study of science and mathematics.

38 (b) Urges the formation of business, philanthropic, and  
39 community partnerships that provide extended exposure to STEM  
40 learning opportunities.

1 (c) Supports the creation of cross-sector STEM networks linking  
2 partners from government, business, community organizations,  
3 and nonprofits to address regional needs in STEM education  
4 through information and resource sharing; and be it further  
5 *Resolved*, That the Chief Clerk of the Assembly transmit copies  
6 of this resolution to the author for appropriate distribution.

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