

AMENDED IN ASSEMBLY MARCH 12, 2015

AMENDED IN ASSEMBLY MARCH 4, 2015

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

Assembly Concurrent Resolution

No. 25

Introduced by Assembly Member Obernolte

(Coauthors: Assembly Members Achadjian, Alejo, Travis Allen, Atkins, Baker, Bigelow, Bloom, Bonilla, Bonta, Brough, Brown, Calderon, Campos, Chang, Chau, Chávez, Chiu, Chu, Cooley, Cooper, Dababneh, Dahle, Daly, Dodd, Eggman, Frazier, Beth Gaines, Gallagher, Cristina Garcia, Eduardo Garcia, Gatto, Gipson, Gomez, Gonzalez, Gordon, Gray, Grove, Hadley, Harper, Holden, Irwin, Jones, Jones-Sawyer, Lackey, Levine, Linder, Lopez, Low, Maienschein, Mathis, Mayes, McCarty, Medina, Melendez, Mullin, Nazarian, O'Donnell, Olsen, Patterson, Perea, Quirk, Rendon, Ridley-Thomas, Rodriguez, Salas, Santiago, Steinorth, Mark Stone, Thurmond, Ting, Wagner, Waldron, Weber, Wilk, Williams, and Wood)

February 17, 2015

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

LEGISLATIVE COUNSEL'S DIGEST

ACR 25, as amended, 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: no.

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

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

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

18 WHEREAS, According to a 2013 Brookings Institution study,
19 20 percent of all jobs in the United States require specialized
20 knowledge in a STEM field; and

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

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

28 WHEREAS, Women, African Americans, and Latinos are
29 underrepresented in STEM occupations relative to their share of
30 the workforce; and

31 WHEREAS, Research demonstrates that participation in STEM
32 fields increases when pupils are engaged through the hands-on
33 application of science and mathematics to solve real-world
34 problems; and

35 WHEREAS, A May 2014 report issued by the Superintendent
36 of Public Instruction's STEM task force concluded that informal

1 learning opportunities coupled with a broad array of business,
2 philanthropic, and community STEM partnerships can play a
3 critical role in expanding interest, opportunities, and participation
4 in STEM fields; now, therefore, be it

5 *Resolved by the Assembly of the State of California, the Senate*
6 *thereof concurring*, That the Legislature proclaims March 14,
7 2015, as Pi Day; and be it further

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

9 (a) Encourages educators, museums, libraries, parks, businesses,
10 and community-based groups to organize appropriate activities
11 that celebrate the significance of Pi, and engage students of all
12 ages in the study of science and mathematics.

13 (b) Urges the formation of business, philanthropic, and
14 community partnerships that provide extended exposure to STEM
15 learning opportunities.

16 (c) Supports the creation of cross-sector STEM networks linking
17 partners from government, business, community organizations,
18 and nonprofits to address regional needs in STEM education
19 through information and resource sharing; and be it further

20 *Resolved*, That the Chief Clerk of the Assembly transmit copies
21 of this resolution to the author for appropriate distribution.