

Friday, September 19, 2025

No 1

Ref: SC Metric Week October 5 – 11, 2025, Governor McMasters Metric Proclamation with opportunities for Students & Teachers

Dear District Leaders and/or Math & Science Coordinators: **[PLEASE SHARE]**

Celebrating Metric Week in South Carolina 2025 (October 5-11) is an especially important opportunity for K-12 students and teachers!

Please announce and encourage your school and/or school district to participate in the many activities offered during Metric Week. Please forward this valuable resource to your teachers of science, math, or technology.

As you know, companies which will eventually employ many of our students are gradually producing products to metric system standards. This means that the *jobs of tomorrow will require employees to be able to use metric units.*

The U.S. is currently 50% metric. We are using a hybrid measuring system: (Metric & Customary)

There are **many resources** available for you, your teachers, and students:

Some easy-to-use ideas on celebrating Metric Week are available online at:

<http://scacademysci.org> or just type “South Carolina Academy of Science” (click on other, then pick Metric Week). and

https://sc.edu/study/colleges_schools/artsandsciences/centers_and_institutes/science_education/index.php or type Center for Science Education at University of South Carolina, (Select Other Resources for Teachers and Students, then click on Metric Week.) Check out other programs the Center for Science Education (CSE) offers: Like the Junior Science and Humanities Symposium (JSHS) and SC Region II Science & Engineering Fair. You can access information about all Science Fairs in SC at <http://scacademysci.org> (click on other, then pick Science Fairs).

We want you to know the opportunities offered to Teachers and Students by the National Institute of Science & Technology (NIST) Search:

<https://www.nist.gov/pml/owm/metric-si> then Metric (SI) and pick. Also, United States Metric Association (USMA) Site <https://usma.org/> is a good site for information.

*Have your students take the T/F quiz at usma.org. If 80% or better, we consider that good.

Students try this and have fun! www.nist.gov/kids

See the following items attached to this email:

(1) Cover Letter, (2) SC 2025 Metric Proclamation, (3) National Institute of Standards & Technology (NIST) (***Opportunity for teachers & students***) and (4) Article by Don Jordan on key facts about the metric systems and how to teach metric to students. Also, Documents (1) – (4) attached as a single doc.

Other Documents that can be found on [South Carolina Academy of Science](#) website include:|

The following Web only

- (5) The Scale of Things (metric and Nanotechnology)
- (6) Metric Test for upper Elementary and Middle School Students 2022
- (7) Correct usage of Metric Symbols
- (8) Metric True/False Test updated for 2022
- (9) Advantages of Teaching the Metric System pages = 8 2022
- (10) Example of a Wall Chart: Let your students design one for your School.
- (11) Questions that Challenge. Grades six and above.
- (12) Answer Key to questions that Challenge Grades six and above
- (13) SI Metric Prefixes and how to pronounce.
- (14) What is the Area of Your Skin in cm² (Great Activity for Students)
- (15) Printable 100 cm Measuring Tape
- (16) Instruction on How to make a Decimeter Cube or Liter Box Page 1
- (17) Instruction on How to make a Decimeter Cube or Liter Box Page 2
- (18) Template to use in the Construction of a Lite Box Page 1
- (19) Template to use in the Construction of a Lite Box Page 2 Need both templates 1 & 2
- (20) Metric activities for student's pages = 2

The South Carolina Metric Proclamation is distributed to all public and private schools in South Carolina and is recommended and approved by the South Carolina Academy of Science (SCAS), coordinated with the Office of Metric Programs at the National Institute of Standards & Technology (NIST), part of the U.S Department of Commerce and the Center for Science Education at USC. Special thanks go to **Governor Henry McMaster** for his support for this worthwhile endeavor.

USMA Metric Scholarship Award for High School Seniors & Teachers

Eligibility All US high school seniors are eligible to apply for the USMA Metric Scholarship Award. **How to apply** Read the student flyer and fill in the student application online. Do the same for Teachers. Click on: <https://usma.org/>

The USMA Site will be updated on October 1, 2025 for the 2026 National Metric Award

Sincerely,

Don Jordan, (R) USC, Center for Science Education (Math Specialist)

Attachments: (1) Cover Letter; (2) Metric Proclamation 2025 (printable version).
(3) National Institute of Standards & Technology (NIST) (Opportunity for teachers & students) (4) Article by Don Jordan on key facts about the metric systems and how to teach metric to students.

Other documents (5) – (20) on website <http://scacademysci.org>