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समाजसंस्कार वा मनो पथा वा: समाजसंस्कार।

दिनांक 01/9/2020

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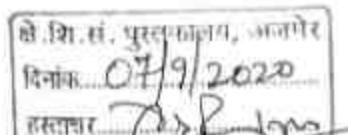
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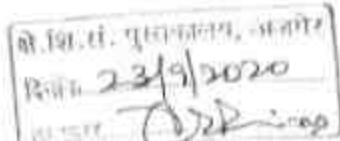
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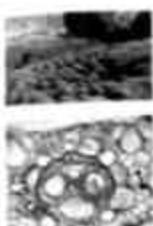
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Down to Earth, Vol. 29 No. 7, 16-31 August 2020

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critical to shaping a better world

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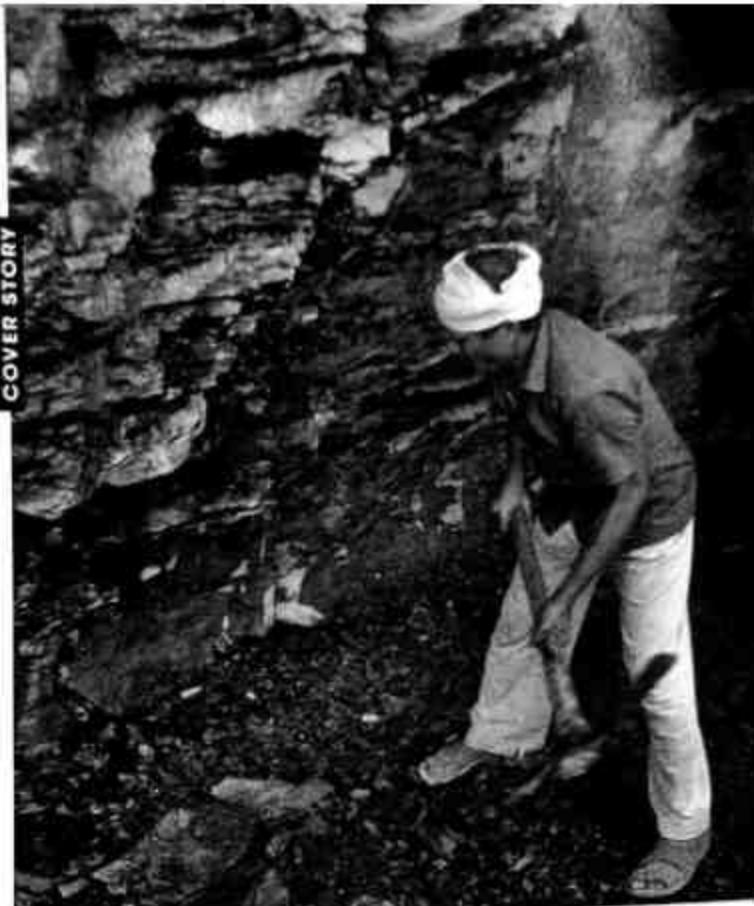
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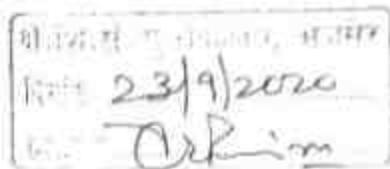
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**ON THE COVER:** Evoking affective responses from students studying chemistry may heighten their curiosity and further engage their interest in the subject, motivating them to delve deeper. In "Integrating Aesthetics Education into Chemistry Education: Students Perceive, Appreciate, Explore, and Create the Beauty of Chemistry in Scientific Photography Activity" (DOI: 10.1021/acs.jchemed.9b00857), Yuhua Ling, Jianxin Xiang, Kai Chen, Junyao Zhang, and Hangran Ren describe microscale lab activities in which students photograph precipitation reactions using a smartphone with magnification. Students observe changes in color, shape, texture, and opacity in various reactions of metal salts with sodium hydroxide solutions, including with cobalt chloride (pictured on the cover), ferrous sulfate, and copper sulfate. Using a wider lens to perceive the complexity and beauty of chemical reactions coupled with an aesthetic approach to wonder why and how these changes occur can stimulate experimental inquiry, affective response, and creative outcomes, including high-quality scientific photography.

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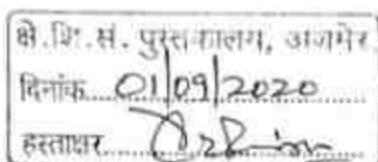
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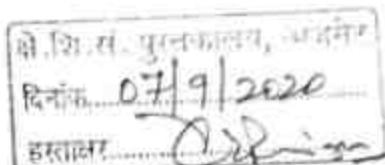
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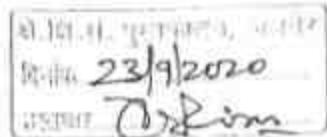
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Jennifer M. Tabbitt

## 663 The First Days of Geometry

Students use movement and tracing paper to determine sets of points that are equidistant from two points, from two intersecting lines, and from a line and a point not on the line.

Wayne Nirode

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PUB. NO. 113 (2020)

Volume 113, Issue 08 August 2020

**Correction**

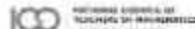
In the May 2020 issue, the article "Investigating Using Lesson Study" had an error in Figure 3. The solution for (d) should be 6/7 inches.

## Calling All Authors: You Have a Story to Tell!

Contribute to *MTLT* between July 1, 2020, and August 31, 2020,  
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\*Winner will be notified by email or mail. Visit [nctm.org](http://nctm.org) for complete details.

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To help you get started, watch **You've Got  
Started: Now It's Time to Write**, a webinar by *MTLT* Editor-in-Chief Angela Barlow and members of the editorial board, geared to first-time writers. Access it at [www.nctm.org/units/conferences-professional-development/100-days-of-professional-learning](https://www.nctm.org/units/conferences-professional-development/100-days-of-professional-learning) section (June webinar series).

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The Beauty of  
Mathematics and Art



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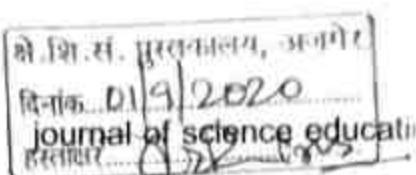
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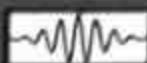
Two baboons, adult female  
Shashe grooms adult female  
Selo (with baby) in the  
Okavango Delta of Botswana.

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Dorothy Leavitt Cheney  
(1950–2018)  
Illustration: Subhankar Biswas

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Dorothy Leavitt Cheney  
(1950–2018)  
*T N C Vidya*

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**Birds in the Backyard**  
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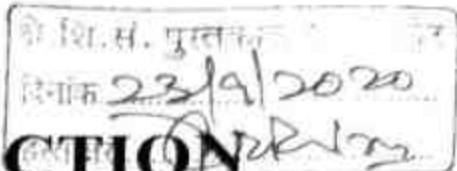
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<p>संस्थापक संगठक स्व. प. दिलानिधारा मिशन</p> <p>पूर्ण संपादक स्व. डॉ. लद्दीमल्ला रिघटी</p> <p>संस्थापक प्रबोध संपादक हन. श्री शामार्थुदात</p> <p>प्रबोध संपादक पीराम कुमार</p>	<p>संस्थापक संगठक लद्दीमी संकर वाजपेयी</p> <p>संस्कृत संपादक डॉ. हेमेत कुकरेटी</p> <p>उप संपादक उवेशी अग्रवाल 'उदी'</p> <p>कार्यालय ४११, आमगढ़ अली रोड, नई दिल्ली-११०००६ फोन : +९१-२६३८५७५५ +९१९६६५१२२५९</p> <p>E-मेल : salutyawmi@gmail.com</p>	<p>शुल्क इस अंक का भूल्य—₹ १०० प्राप्तिक अंक—₹ ३० वार्षिक (व्यापकता के लिए)—₹ ३०० वार्षिक (संस्कृत प्रस्तुतियों के लिए)—₹ ५०० विदेश में एक अंक—चार पृष्ठ चार डॉलर (US\$4) वार्षिक—विदेशी पृष्ठ एक डॉलर (US\$45)</p> <p>प्रबोधक, गुरुक तथा व्यापारिकों से दूसरे कुछ दाम ४/११, नासन अवार्ड रोड, वै विल्सोन-६ पे प्रबोधक एवं पृष्ठ एक डॉलर (US\$1), ४/१२-मे, वार्षिक वार्षिक इंडिपेंडेन्ट प्राप्ति, वार्ष-IV, प्रिन्टिंग-१०१०१२ द्वारा निर्मित।</p> <p>व्यापारिक अंक में व्यापारिक सेवा में व्यापक विवरण एवं दृष्टिकोण संक्षिप्त लेखक के हैं। व्यापक अभ्यास प्रबोधक का इसी समय से लालचलना चाही</p>
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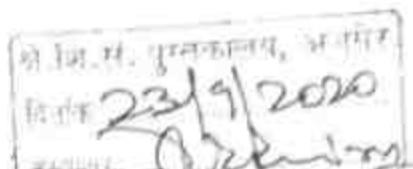
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