

# Open Educational Resource Materials

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<https://digitalcommons.pittstate.edu/oer-math/>

23. OER Outdoor Ellipse Multicultural (Easter Island) Activity, [https://digitalcommons.pittstate.edu/math\\_faculty/6/](https://digitalcommons.pittstate.edu/math_faculty/6/)
22. OER Indoor Ellipse Multicultural (Easter Island) Activity, [https://digitalcommons.pittstate.edu/math\\_faculty/5/](https://digitalcommons.pittstate.edu/math_faculty/5/)
21. OER Ellipses and traditional Rapanui houses on Easter Island, [https://digitalcommons.pittstate.edu/math\\_faculty/4/](https://digitalcommons.pittstate.edu/math_faculty/4/)
20. OER Curve Fitting Applied to Easter Island Stone Foundations, [https://digitalcommons.pittstate.edu/math\\_faculty/7/](https://digitalcommons.pittstate.edu/math_faculty/7/)
19. Place Value in Primary Sources OER Activity, <https://digitalcommons.pittstate.edu/oer-math/17/>
18. A Historical Activity Adding Irrational Numbers, [https://digitalcommons.pittstate.edu/math\\_faculty/1/](https://digitalcommons.pittstate.edu/math_faculty/1/)
17. A Real World Example of Solving a Quadratic Equation in Movie CGI, [https://digitalcommons.pittstate.edu/math\\_faculty/2/](https://digitalcommons.pittstate.edu/math_faculty/2/)
16. CGI (Computer Generated Imagery) Matrix Multiplication Activity, <https://digitalcommons.pittstate.edu/oer-math/16/>
15. The Game of Ur: An Exercise in Strategic Thinking and Problem Solving and A Fun Math Club Activity, <https://digitalcommons.pittstate.edu/oer-math/15/>
14. What is the Shape of a traditional Rapanui house on Easter Island? A Multicultural Mathematical Activity Involving Ellipses, <https://digitalcommons.pittstate.edu/oer-math/14/>
13. OER Women in Math course, <https://digitalcommons.pittstate.edu/oer-math/13/>
12. Ingrid Daubechies Wavelet Activity (Function Transformations), <https://digitalcommons.pittstate.edu/oer-math/12/>
11. Emmy Noether and Modular Arithmetic Activity, <https://digitalcommons.pittstate.edu/oer-math/11/>
10. Sophie Germain Activity, <https://digitalcommons.pittstate.edu/oer-math/10/>
9. Ada Byron Lovelace Activity, <https://digitalcommons.pittstate.edu/oer-math/9/>
8. Maryam Mirzakhani Riemann Surface Activity, <https://digitalcommons.pittstate.edu/oer-math/8/>
7. Maria Agnesi Activity, <https://digitalcommons.pittstate.edu/oer-math/7/>

6. Emilie du Chatelet Activity, <https://digitalcommons.pittstate.edu/oer-math/6/>
5. Problem Solving Practice with Problems from Fibonacci's "Liber Abbaci",  
<https://digitalcommons.pittstate.edu/oer-math/5/>
4. Constructing a Square Indian Fire Altar Activity, <https://digitalcommons.pittstate.edu/oer-math/4/>
3. Euler Construction Activity, <https://digitalcommons.pittstate.edu/oer-math/3/>
2. Constructing a Square an Ancient Indian Way Activity, <https://digitalcommons.pittstate.edu/oer-math/2/>
1. Place Value in Primary Sources Activity, <https://digitalcommons.pittstate.edu/oer-math/1/>