



Fallingwater

workshops

developed with support from the Buhl Foundation

Fallingwater and Architecture Explorations at Carnegie Mellon University have teamed up to offer workshops that will enhance the experience of students visiting Frank Lloyd Wright's masterpiece. Our interactive workshops address academic standards in different subject areas, providing students with the opportunity to learn more about Fallingwater each time they visit. Workshops are offered on-site at Fallingwater OR offered at your school as a pre-visit or post-visit experience.

poetry sleuth grades 3-4 reading and writing, history (PA 1.8, 8.2)

Touch construction materials, look at historical photographs, and read letters from Frank Lloyd Wright. Students will sleuth through data to collect information about the people, places, and architecture of Fallingwater – including poetry that inspired the architect. Using their detective notes, students will write their own poems about Fallingwater.

time to build grades 3-4 arts and humanities, history (PA 8.2, 9.2)

Put Fallingwater in its place! The class will create an “artistic” timeline using facts and figures that relate to the architect, the house, and the family. Students will identify key points along the timeline that are significant to Fallingwater.

terrace tabulations grades 5-6 math (PA 2.2, 2.3)

Explore the many terraces at Fallingwater. First, experiment in the classroom to learn about measurement and scaled architectural drawings. Then jump onto Fallingwater's terraces, estimating and measuring areas and perimeters using floor plans. Figure out fun ways to calculate Fallingwater facts!

Contact Amy Kifer at Fallingwater to schedule a tour and workshop by email akifer@paconserve.org or by phone **724-329-7829**.

For **workshops**, rates are \$4/student when also scheduling a tour (\$8/student without tour). Workshops at your school may be subject to mileage.



On-Site at Fallingwater:
**September, November
and March to mid-May**

Off-site at your School:
September - May

where in the waterfall? grades 5-8 geography (PA 7.1, 7.3)

From Pittsburgh to Bear Run, students will navigate maps using clues about Frank Lloyd Wright and the Kaufmann family. Zooming in to the Fallingwater site, students will create their own maps of the property, documenting the “mental map” of their experience and showing the connections to the physical features of the region.

holding up fallingwater grades 7-9 science (PA 3.2, 3.6.C)

From simple beams to cantilevers, Fallingwater is the perfect place to explore structural principles. Students will experiment with basic structural elements (e.g. beams) to understand how form and material influence strength before designing their own cantilever. The workshop culminates as students test their cantilever designs for structural stability, while discussing the strengths and weaknesses of each design.

For **tours**, there is a minimum of 10 students for group rate: \$6/student (weekends \$8). School groups must be accompanied by one adult for every 12 students. Chaperones receive free tours. Any additional adults above the required number of chaperones will pay adult group rates.