

# PCR with Genes in Space Workshop

## \*FEB 3 2024 @Salk Institute\*

In partnership with miniPCR and MiniOne Salk has developed hands-on kits for PCR DNA amplification in classrooms. Kit contains the equipment for up to 10 groups of students. Each kit includes access to matching curriculum materials including slidedecks, student worksheets, web-based activity ideas etc. as electronic files so you can modify as needed for your classes.

Full support is available from Salk Education Outreach staff and our community of scientist volunteers – we'll even come out to your classroom for presentation and logistical support if needed (schedules allowing).

Consumables for the kit are available separately. Grants for consumables can be found via <https://theminione.com/applying-educational-grants/>

### Schedule

- 9AM-10:30... Genes in Space, Micropipetting, & PCR
- 10:30-10:45... Break
- 10:45-11:30... Workshop student GIS proposals
- 11:30-12PM... Complimentary lunch
- 12-2... Restriction digest & Gel electrophoresis
- 2-2:30... Architectural Tour (*optional*)

### PCR (Polymerase Chain Reaction)

Kit can also be used with actual DNA materials from miniPCR, MiniOne, Bio-Rad, Carolina Biological & more. Equipment can be used to explore learning through **Genes in Space**.

### Get Info

Email us:  
[education@salk.edu](mailto:education@salk.edu)

Website:  
[www.salk.edu](http://www.salk.edu)

