Volunteering with

T E A L S ☐

> *So many talented kids will never even know what they're missing, and will be passive consumers of technology rather than creators of it. This is my one way to put a dent in those numbers, and to give others the same opportunity I had.* **That's why I teach.**

Give back
Make a difference
Keep your day job

The Ripple Effect

According to a 2015 study by Gallup and Google, *75% of US high schools do not teach computer science*. With software engineers in high demand in the private sector, schools often cannot find instructors with a computer science background, and struggle to compete with the compensation packages offered in industry.

TEALS helps high schools teach computer science by providing a team of trained volunteers to partner with a classroom teacher and deliver computer science to their students. Over 2 years, the classroom teacher gradually takes over the responsibilities of teaching the course.

TEALS volunteers create a ripple effect, impacting not just the students they teach, but the hundreds of students who will study CS with the teacher they help prepare.

As a TEALS volunteer, you'll serve as part of a team led by a partner classroom teacher. You'll work directly with students in a rigorous CS class, and prepare a classroom teacher to teach computer science on their own.

APPLY   tealsk12.org/apply
MORE INFO   tealsk12.org/volunteer
CONTACT   Info@tealsk12.org

All Volunteers

Serve on a teaching team led by a classroom teacher

Attend class ~2-3 times per week

Share your personal story and inspire students to continue pursuing computer science in college or career

Meet as a team to track student progress and plan upcoming classes

Teacher Role

Prepare and teach lessons from the TEALS curriculum

Assist students with their lab work and help with grading

Teaching Assistant Role

Assist students with their lab work

Grade assignments

Extraordinary Opportunity, Extraordinary Commitment

TEALS (Technology Education and Literacy in Schools) offers a unique opportunity for technology professionals to co-teach computer science in a high school, and help establish a sustainable computer science program at the school.

There's no beating around the bush. Volunteering with TEALS requires an extraordinary commitment.

We make the commitment more flexible by assigning multiple volunteers to each school. Teaching teams manage their own schedules, but we expect each team member to attend approximately 50% of class sessions, so that there are 2 volunteers in the classroom each day the class meets.

Most of our high school classes meet 1st period so volunteers can teach and get in to work, which can mean teaching as early as 7:30 am.
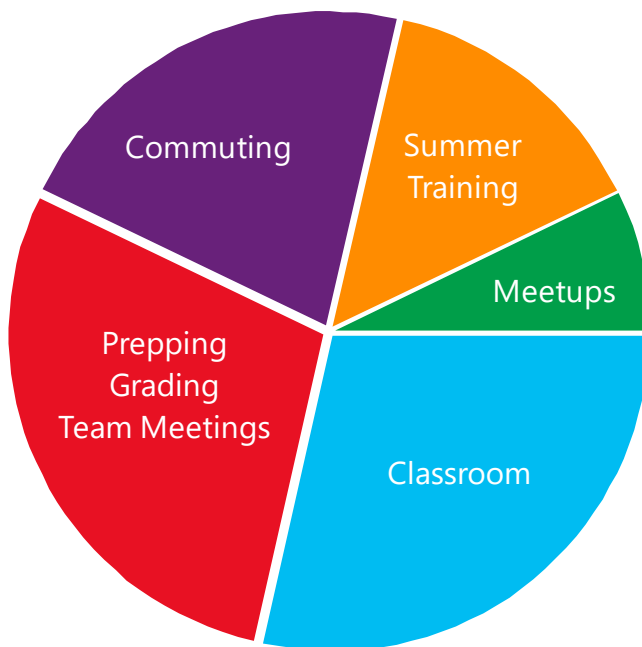
The mandatory training program for volunteers is during the summer. Volunteers will spend 20 hours in online and in-person training sessions, plus another 20 hours working with their teaching team and preparing for the school year.

The Second Year— It's Much Easier

If you decide to return for a 2nd year, the preparation and training is built on first year work and takes a lot less time. Plus you have 1 year of teaching under your belt with your classroom teacher.

280 Hours A representative example of first year as a TEALS volunteer

Pie chart categories: Commuting, Summer Training, Meetups, Classroom, Prepping Grading Team Meetings

80 hours — **Classroom** hours over 90 visits
50 minutes, alternating days for 36 weeks

80 hours — One hour of **prep/grading time** outside of class for each hour in class.

60 hours — TEALS adds time to your **commute**. Perhaps 20 minutes in each direction per visit.

40 hours — 20 hours of in-person and online **summer training**, plus team meetings and planning.

20 hours — We hold training sessions and **meetups** once a month during the school year.

Timeline

- Learn about TEALS (Now)
- Apply (March-April)
- Interview (April-May)
- Teams Placed (May)
- Visit Your School (Late May)
- Train and Plan (June-August)
- Teach (September-June)

APPLY TODAY
tealsk12.org/apply