

COLOR RUN TASK

You will design and create a map of our school's 5-kilometer color run. Each of your team members holds two requirements to contribute to your map:

- Team Member 1: A color powder station is located every $\frac{1}{10}$ kilometer. A water station is located every $\frac{1}{2}$ kilometer.
- Team Member 2: Kilometer signs (in decimals) are located every $\frac{1}{15}$ kilometer. A bathroom is available every $\frac{3}{4}$ kilometer.
- Team Member 3: A water station is located every $\frac{1}{3}$ kilometer. You and your fellow cartographers may choose another area runners may need or want every $\frac{4}{5}$ kilometer.

Be sure to create a scale that shows the number of centimeters equivalent to what part of a kilometer on your map. Also create a key to show the symbol for each station. Your final product should also include a chart to show the number of each station you will need for the full color run race. This race is a loop. Be sure to mark the start and finish line.