

Carwash Fundraiser

For this fundraiser, we will be having a carwash at H. Clarke Powers Elementary School. This fundraiser will raise money toward a new Chrome cart for the upper grades at H. Clarke Powers. Currently, there are three Chrome carts that have to be even distributed between the four grade levels (5th-8th grades). We feel, with the increasing demands of integrating technology into each of the subjects, it is important that every grade level have their own set of Chromebook computers to use.

In order to have this fundraiser, we did an analysis of the supplies that would be needed and the expenses involved. Figure 1 shows the list of supplies and their costs. All supplies will

Carwash Supplies and Costs:	
Buckets (3):	\$4.99 ea
Soap:	\$3.79
Water:	donated
Sponges:	\$3.95 / 12 pk
Towels:	donated
Hose:	donated
Flyers:	donated
Posterboard:	\$4.79 / 10 pk

Source: Target

Figure 1

be purchased from Target. In some cases, parents will donate items for use in the carwash to keep the expenses at a minimum. The total cost of all items including sales tax (7.5%) comes to \$28.90, which rounds up to \$30 for simplicity's sake. We have decided that we will charge each customer \$10 for a carwash. In order to break even with the fundraiser, we will need to wash three cars. Our goal is to raise \$300 toward the Chrome carts, so this means we will need to wash 33 cars on the day of the event.

The Carwash Fundraiser will be held on Saturday, April 22, 2017. It will start at 9:00 am and go until 3:00 pm. We are hoping to be able to wash 6 cars each hour, which would allow us to wash a total of 36 cars and exceed our goal of wash. In order to reach our profit goal of \$300, we will need to wash 33 cars (see Table 1).

Cars will be washed on the playground in three stations behind the gym. A hose that is connected to an outside water source will be provided by the school and shared by the workers at each station. We are buying 12 sponges so we can have four volunteers working at each station. Once cars are washed and rinsed, they will be dried with the donated towels.

To advertize the carwash, we will create flyers and distribute them around town a few months prior to the day of the carwash. We are also hoping that Mr. Lockwood includes the fundraiser in his weekly bulletins and calls home on Sunday evenings. On the day of the event, workers will take turns standing at the entrance of H. Clarke Powers school on Humphrey Road with posters to lure customers in and direct them to the back of the gym. Hopefully, if all goes as planned, we will exceed our goals and be able to contribute to a new set of computers for the 2017-2018 school year.

Rule, Table and Graph

Rule: $P = 10n - 30$

	Expenses			Break Even		Profit Goal
# of Car Washes(n)	0	1	2	3	10	33
Profit (P)	-30	-20	-10	0	70	300

Table 1

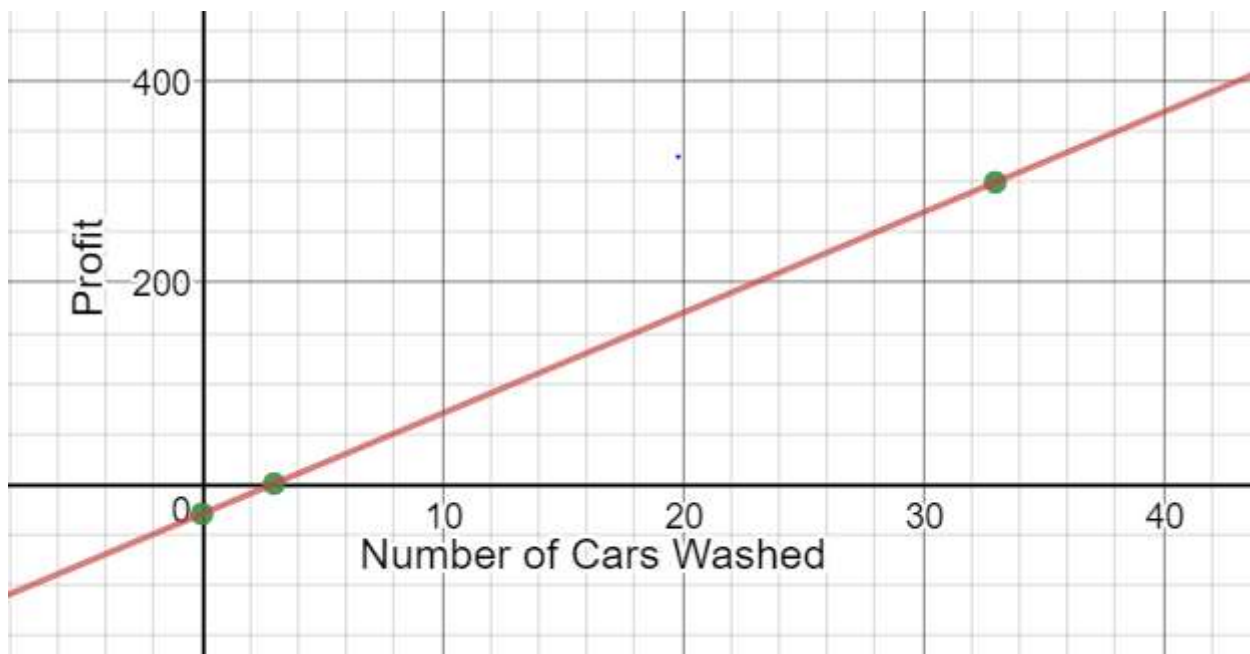


Figure 2



FUNDRAISER

**April 22, 2017
9:00 to 3:00**

**H. Clarke Powers
3296 Humphrey Rd., Loomis**

**Raising money for a
new Chromecart!**

**Contact: Mr. Ahrens
(916-652-2635)**

