## Friday, February 15, 2019

Your Learning Goal: Students will review major speed concepts with a digital web quest. They will be able to answer speed problems wit $90 \%$ accuracy.
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Speed It Up Trackstar- 33L + R
Catalyst (33L): The trash can is to the left of the light post. There is also a fence behind the light post. What is the reference point in that scenario and how do you know?


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Catalyst:
The trash can is to the left of the light post. There is also a fence behind the light post. What is the reference point in that scenario and how do you know?
The $\qquad$ is the reference point in this example. I know that

## Speed It Up



- Open up a web browser (Firefox, Safari, or Google Chrome)
- Type in trackstar.4teachers.org
(NO www)


TrackStar: Home
trackstar.4teachers.org

- Find "View Track \#." Type in "394284" and click "Go."



## -Click "View in Frames."




## The Magic Triangle

 $s=$ speed$d=$ distance
$t=$ time

## The Speed Steps

Imagine that a car traveled 100 meters in 5 seconds. What is
the average speed of the car? Be sure to show all the steps!

| Step 1: | Write down the equation. |  |
| :--- | :--- | :--- |
| Step 2: | Write down what you know. |  |
| Step 3: | Plug in your numbers. |  |
| Step 4: | Do the math. |  |
| Step 5: | Box your answer. |  |

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| Step 2: | Write down what you know. | distance $=\mathbf{1 0 0} \mathbf{~ m}$ <br> time $=\mathbf{5} \mathbf{~ s e c ~}$ |
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## Catalyst:

The $\qquad$ is the reference point in this example. I know that $\qquad$ is the reference point because...

## Speed It Up



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## Reflection:

Create your own speed word problem. Have someone at your table solve it in your notebook.

## Speed It Up



33L

