

STUDENTS WORKSHEET

DOPPLER EFFECT



NAME

1.
2.
3.
4.
5.
6.



LEARNING OBJECTIVE

Applying concept of Doppler's Effect
in daily life

ACTIVITY I

Fill the Formula and explanation table below

Equation	Explanation







ACTIVITY II

1. Watch the video shown by the teacher in class.
2. Look at the images and captions in the first column of Table 2.
3. Complete the listener frequency equation (f_p) in the second column of Table 2.

Table 1. Determining the relationship between f_p and f_s

Condition	Equation
<p>The sound source and the observers are close to each other.</p> 	
<p>The sound source and the observer are far apart.</p> 	
<p>The sound source approaches a stationary observer .</p> 