Name: _____

Date: _____

Forensic Microscopic paint analysis activities (by Darrell Barnes, Chevy Block and Courtney Carlson):

For these activities you will be using stereomicroscopes to examine the paint chips.

1. Examine the two white paint chips separately and determine which has evidence of a collision (White chip slide #1 or #2). These came from the large white bumper.

   What visual evidence supports your conclusion? Please examine the paint chips and matching bumper to correlate your thoughts.

2. Examine the slide with the three red paint chips. The bottom chip is the evidence (E). Which of the above fragments matches to the evidence (L/R)? These came from two different red car parts. Please examine the paint chips and matching bumpers to correlate your thoughts.

   What visual evidence supports your conclusion?

3. Examine the slide with the three white paint chips. The bottom chip is the evidence (E). Which of the above fragments matches to the evidence (L/R)?

   What visual evidence supports your conclusion?

4. Examine the large white bumper. How many impacts can be identified? Please note any colors, markings, directions of impact and shapes of impact. Report lengths in millimeters (mm) or centimeters (cm).

(darrellbarnes.blog then select Forensic activities)