geometry project: geometry in my world **DUE DEC 16th**

Geometry is everywhere. This is because geometry (and mathematics generally) arose out of a desire to describe the physical world. To investigate this link, your task is to find photographic examples of 15 of the following:

|  |  |
| --- | --- |
| adjacent angles  angle bisector  complementary angles  congruent angles  congruent segments  coplanar points  equilateral triangles  parallel lines (segments)  parallel planes  congruent triangles  parallelograms  rectangles  rhombuses  squares  trapezoids | perpendicular lines (segments)  plane  ray  reflection  rotation  segment bisector  skew lines (segments)  supplementary angles  translation  transversal  vertical angles  isosceles triangles  scalene triangles  circumcenter  incenter |

The pictures may come from magazines, newspapers, the internet, your own photographs, or other sources.

Place these photos on a creatively titled standard poster board or scrapbook.

Using a thick marker, clearly mark the geometric figure shown, labeling as needed.

Include a descriptive label with each photo. Each term should have its own photo.

The project will be graded:

Geometric Accuracy: 50%

Creativity: 30% Presentation: 20%

(detailed rubric on Monday)

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