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 anglesangle bisectorcomplementary anglescongruent anglescongruent segmentscoplanar pointsequilateral trianglesparallel lines (segments)parallel planescongruent trianglesparallelogramsrectanglesrhombusessquarestrapezoids | perpendicular lines (segments)planerayreflectionrotationsegment bisectorskew lines (segments)supplementary anglestranslationtransversalvertical anglesisosceles trianglesscalene trianglescircumcenterincenter |

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)

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 anglesangle bisectorcomplementary anglescongruent anglescongruent segmentscoplanar pointsequilateral trianglesparallel lines (segments)parallel planescongruent trianglesparallelogramsrectanglesrhombusessquarestrapezoids | perpendicular lines (segments)planerayreflectionrotationsegment bisectorskew lines (segments)supplementary anglestranslationtransversalvertical anglesisosceles trianglesscalene trianglescircumcenterincenter |

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)