Parallel, Perpendicular, and Skew Definitions

Parallel Lines: are lines that lie in the same plane or flat surface and do not intersect

$\overleftrightarrow{EC} || \overleftrightarrow{AD}$ are parallel lines in the figure below:

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Perpendicular Lines: are lines that line in the same plane that intersect and form 90 degree angles

$\overleftrightarrow{CD} \perp \overleftrightarrow{DF}$ are perpendicular lines in figure below:

Skew lines: are lines in different planes that do not intersect but are not parallel

$\overleftrightarrow{AB}$ and $\overleftrightarrow{FG}$ are skew lines in the figure below:

Parallel Planes: are planes that will never intersect

Plane AECD is parallel to Plane BHGF
in the figure below:

Perpendicular Planes: are planes that intersect at right angles or 90 degrees

Plane AEHG is perpendicular to Plane EHGC
in the figure below: