



WEEKLY HOME STUDY PACKAGE - WEEK 1 (05/07/21 – 09/07/21)

Subject : Technical Drawing Year –11

Strand	Geometry
Sub Strand	Helix
Learning Outcome	<ul style="list-style-type: none"> Define helix and its parts Appreciate the use of helical curves in everyday life

LESSON NOTES

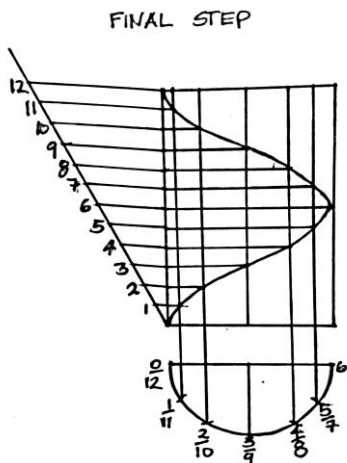
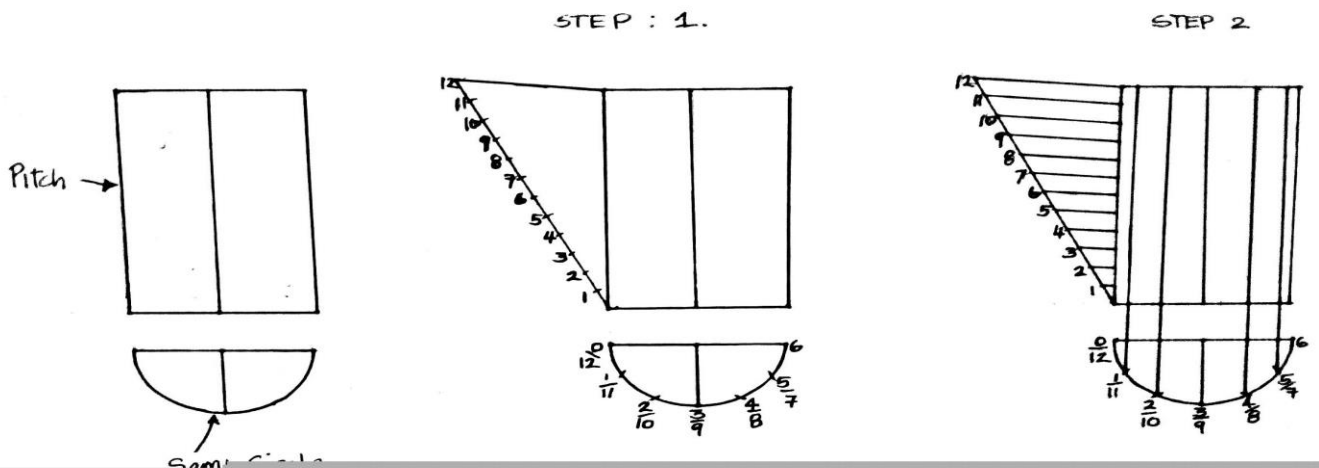
A helix is a type of smooth curve in three-dimensional space. Helices can be either right-handed or left-handed

Construction of a simple harmonic helical curve

Step 1: Divide the semi-circle and the pitch into 12 equal parts.

Step 2: Project the 12 generators to intersect the 12 division of the pitch.

Final step: Join the points for a simple helical curve.



Activity

1. Construct a right hand simple harmonic helical curve.

(for those students who will access online only
pitch height-80mm, diameter-30mm)

