

- 1a) i) CREATE CAD MODEL / A SOLID MODEL
(3D COMPUTER MODEL)
- ii) CHANGE THE FILE FORMAT TO STL
(DIGITAL COORDINATES / DIMENSIONS OF MODEL)
- iii) CONVERT MODEL INTO LAYERS / SLICES
(WHICH CAN PHYSICALLY BUILD THE MODEL)
- iv) CREATE MODEL IN 3D PRINTER
(BUILD UP EACH LAYER UNTIL MODEL IS COMPLETE)
- v) FINISH PART.
(REMOVE FROM 3D PRINTER AND CLEAN ANY EXCESS MATERIAL / SUPPORTS AND GIVE IT SOME FETLING)

b) POWDER (LASER SINTERING)

LIQUID (USING SLA)

SOLID (~~LASER SINTERING~~)
(IDEAL FOR CREATING CASTINGS)

- c) AN OVERHANGING PART MAY NOT SUPPORT ITS OWN WEIGHT UNTIL IT HAS CURED SO A SUPPORT IS USED TO PROP IT UP UNTIL THE PART IS FINISHED