Cessna 172 Traffic Pattern

Crosswind:
~ Turn X-wind 500 ft AGL or for noise
~ Wings level
~ Keep climbing \( V_Y \) (75)
~ Immediate wing dip for traffic, right turn to downwind

Downwind:
~ Parallel to runway no more than 1 mile from runway
~ Level at 1000 AGL pitch, power, trim
~ power 2100 RPM

*Downwind Abeam:
~ report "### right downwind"
~ Carb heat on
~ Power 1700 RPM
~ Slow airspeed to white arc by gently raising nose
~ White arc, 1st notch of flaps (10°)
~ Pitch for 75 knots
~ Begin descent, lose about 200 ft
~ do not begin descent if asked to extend downwind, add power to maintain altitude

Tips:
~ Aviate then Communicate
~ Scan for traffic at all times
~ Region of reverse command:
  Pitch for airspeed, power for altitude
~ No more than 30° bank in pattern
~ Always know where runway is at
~ Maintain ground track (crab angle as necessary for wind)
~ Maintain spacing
~ If extending downwind for traffic, do not turn base until traffic on final passes wing opposite direction
~ Anticipate turns

Final:
~ Turn in line with runway
~ When runway is made add 3rd notch of flaps (30°)
~ Pitch for 65 knots
~ Follow glide slope
~ Pitch for airspeed, power for altitude!!!

Base:
~ Turn base at 45° angle from landing point
~ Roll out from turn and add 2nd notch of flaps (20°)
~ Pitch for 70 knots
~ Lose about another 200 ft