ITERATE THROUGH NEXT NEIGHBOR

ITERATE THROUGH
EACH CHILD

COLLECT
NEIGHBORING VOXEL
POINTS INTO LIST

COLLECT
NEIGHBORING WP
VALUES INTO LIST

ITERATE THROUGH
NEIGHBORING
VOXELS

IS CURRENT
NEIGHBOUR
OCCUPIED?

YES

NO

ADD NEIGHBOUR TO
AVAILABLE
BOUNDARY LIST

ADD NEIGHBOUR WP
TO AVAILABLE
BOUNDARY LIST

SORT NEIGHBOURS
BY WP VALUE

*FUNCTION GROWTH
DEPENDENT ON
GROWTH METHOD*

FUNCTION GROWTH METHOD TO BE READ FROM CSV FILE
(VARIOUS IF STATEMENTS)

DETERMINE AVAILABLE NEIGHBOURS OF CHILD