

Geotropism	Hydrotropism	Thigmotropism	Phototropism
Stimulus = _____	Stimulus = _____	Stimulus = _____	Stimulus = _____
Response = _____	Response = _____	Response = _____	Response = _____
_____	_____	_____	_____
Picture:	Picture:	Picture:	Picture:
What part of the plant exhibits positive tropism?	Why would it be important for some parts of a plant to be pulled toward water?	What are some other ways a plant can be "touched"?	Why do you think sunflowers were given their name?
Which part of the plant exhibits negative tropism?			

Wilting

Stimulus = _____

Response = _____

Picture: (whole plant AND cell)

Lack of water → low TURGOR PRESSURE → squishy cells → floppy plants (wilting)

What can happen to the plant if you water it TOO much?