How do the shoot and moots of exostoristo 1045 respond to the pull of earth's gravity? The shoot part of the plant a house negative geotropism by growing in the opposite direction of the gravity. The roof part of the plant shows positive geofropsem by growing in the same disection of the gravity. In this near the shoot and mosts of a plant respond to the pull of earths granity. a) Describe an activity to illustrate the phenomenon of phototropson and explanishy does this occurs. Growth movement of the shoot on plants in tresponse to a light stimuleus se called phototopin This movement is caused due to more goowath of cells towards the shaded side of the shoot as compared to the gride of shoot towards the light

ten of the activity
To show the phenomenon of phototroppens Materials required

A polled plant Proceder The plant was taken and kept madask soom over a wordow for few days. voom near Observation

we observe that the plant the plant the wondow and the plant is growing by bending itself towards the light coming from window.

Conclusion It phones that light is tesponoible for the bending of the branch / stem.

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SHOT ON POCO X3

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