



A BLACK HOLE IS A REGION OF SPACE IN WHICH THE GRAVITATIONAL FIELD IS SO POWERFUL THAT NOTHING, INCLUDING LIGHT, CAN ESCAPE ITS PULL. THE BLACK HOLE'S MASS CAN BE THOUGHT OF AS CONCENTRATED AT A **SINGULARITY**. SURROUNDING THE SINGULARITY IS A SPHERICAL BOUNDARY CALLED THE **EVENT HORIZON**. THE EVENT HORIZON MARKS THE 'POINT OF NO RETURN,' A BOUNDARY THAT, IF CROSSED, INEVITABLY LEADS FALLING MATTER AND RADIATION INWARDS, TOWARDS THE SINGULARITY.

IF YOU WERE TO VENTURE BEYOND THE EVENT HORIZON, TIDAL FORCES MILLIONS OF TIMES STRONGER THAN THOSE FOUND ON EARTH WOULD STRETCH YOU, AS THE PULL OF GRAVITY ON YOUR FEET INCREASED AT A HIGHER RATE THAN THE PULL OF GRAVITY ON YOUR HEAD. THIS WOULD BE UNPLEASANT.