

Activity Worksheet

Challenging brain

Sub : Science

Grade: X

Date:

Name:

ID No.....

Word Box

Topic: Magnetic Field Lines

Directions: Complete the paragraph below by writing the words from the word box on the spaces provided. Be sure to spell each word correctly.

closed	two	degree	intersection
inside	closeness	strength	magnitude
field lines	intersect	emerge	direction
merge			

Magnetic field is a quantity that has both _____ and _____. Magnetic field lines _____ from north pole and _____ at the south pole. _____ the magnet, the direction of _____ is from its south pole to its north pole. Thus, magnetic field lines are always _____ curves. Magnetic field lines never _____ each other. If the lines intersect, then at the point of _____ there would be _____ directions for the same magnetic field, which is not possible. The relative _____ of the magnetic field is shown by the _____ of the field lines. The field is _____ where the field lines are crowded.