The City School, PAF Chapter, Junior SectionScience Worksheet – Year 3

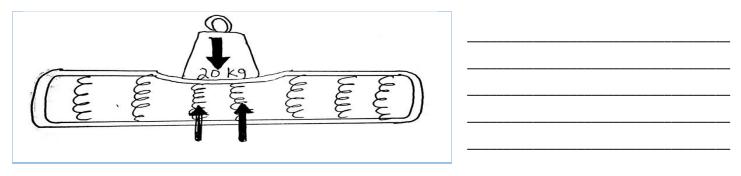
Topic: Magnets and Springs:

Q1. Fill in the blanks with the most appropriate word from the word bank.

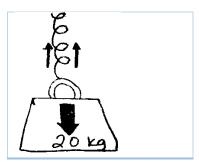
Iron	stronger	bouncy	attract	steel	repel
a) Materials th	nat	towards a magnet	are called magnet	ic materials.	
b) The springs	inside a mattress h	elp make it	·		
c)	_ and	_ are magnetic ma	terials.		
d) If you hold	the same ends of tw	vo magnets togeth	er they will	each c	other.
e) Some magn	nets are	than others.			
•	the following state compress a spring _				·
b) When you s	stretch a spring				·
c) A magnet w	vill not attract				·
d) Fridge door	s have magnets in t	hem to			
e) The spring i	in a wind-up toy get	s tighter when			·
f) The magnet	s in bullet train and	the track			·
g) When we st	tretch a spring hard	er			·
	annot attract an alu used in a stapler be		se		
c) Magnets ar	e often painted in tv	wo different colors	because		
d) If we bring	the same poles of tv	wo magnets togetl	ner they will repel (each other beca	use
e) We can hol	d a piece of paper o	n the fridge with a	magnet because		
f) Springs are	used around the ed	ge of a trampoline	because		
Q4. Will these	e magnets attract or	repel each other	?		
a.			b.		
	X	(Х	Х
C.		1	d.	<u> </u>	
	Х				X

Q5. Look at the pictures and explain why?

a) Why are the springs pushing back?



b) Why are the springs pulling back?



Q6. Zain has an empty match box. He makes it move across the table using an elastic band.



The act of the second s	
a) What makes the match box move?	
b) What will happen if Zain pulls the elastic band further?	
c) What things should he keep the same to make it a fair test?	
d) What things should he change?	