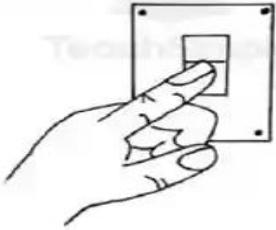
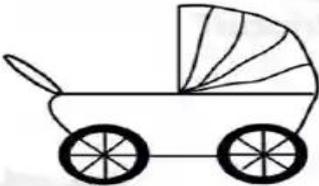
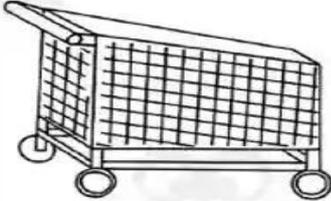


	BCM SCHOOL Basant Avenue, Dugri Road, Ludhiana PAPER PATTERN ASSIGNMENT 2025-26 Class - IV SUBJECT-SCIENCE CH-8 SOUND AND NOISE, CH-10 LIGHT AND SHADOW, CH-11 SIMPLE MACHINE, CH-12 CLEANLINESS AND HYGIENE	
	MCQ	
Q1	Q1. Which action is an example of a pull? A. Kicking a football B. Closing a door C. Opening a drawer D. Pushing a cart	
Q2	Why do we sprinkle sand on a slippery road? A. To make the road smooth B. To reduce weight C. To increase friction D. To stop rain	
Q3	Which part of the plant helps in making food? A. Root B. Stem C. Flower D. Leaf	
Q4	Which situation shows the effect of friction as a force? A. A ball floating on water B. A book lying on the table C. A moving bicycle slowing down D. A stone sinking in water	
	ASSERTION/REASON	
Q5	Assertion (A): A ball moves when we kick it. Reason (R): Force can make an object move. a) Both A and R are correct b) Both A and R are incorrect c) A is correct but R is incorrect d) A is incorrect but R is correct	
Q6	ANALOGY	
i	Push : Away :: Pull :	
ii	Friction : Movement :: Brake :	
Q7	RECTIFY THE SENTENCES AND MAKE IT SCIENTIFICALLY CORRECT	
i)	Friction makes surfaces slippery.	
ii)	Plants take in oxygen during photosynthesis.	
Q8	GIVE ONE WORD ANSWER	
i)	Which force pulls objects towards the Earth?	

ii)	What green pigment helps plants make food?													
Q9	COMPLETE THE TABLE													
	<table border="1"> <thead> <tr> <th></th> <th></th> <th>TYPES OF FORCE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Attracts iron rod</td> <td></td> </tr> <tr> <td>2</td> <td>Pushing a heavy box</td> <td></td> </tr> <tr> <td>3</td> <td>We stay on the ground instead of floating</td> <td></td> </tr> </tbody> </table>			TYPES OF FORCE	1	Attracts iron rod		2	Pushing a heavy box		3	We stay on the ground instead of floating		
		TYPES OF FORCE												
1	Attracts iron rod													
2	Pushing a heavy box													
3	We stay on the ground instead of floating													
Q10	DRAW, LABEL AND COLOUR													
	Draw a neat diagram of a leaf and label any three parts.													
Q11	ANSWER IN ONE SENTENCE													
i)	How does friction slow down a moving object?													
ii)	Which part of the plant helps it to breathe?													
Q12	ANSWER IN 2-3 SENTENCES													
	Describe three harmful effects of friction.													
Q13	LONG ANSWER TYPE QUESTIONS													
	What are the roles of the parts of a plant ? Explain in detail.													
Q14	CASE STUDY-1													
	<p>Priya was helping her mother at home. She pushed the door to close it after entering the room. Later, she pulled a bucket of water towards herself. While playing in the park, she pushed the swing to make it move and pulled the handle of her school bag to lift it. On the way to school, Riya saw workers pulling a cart and pushing a broken car to the side of the road.</p> <p>All these actions show the effect of push and pull in our daily life.</p> <p>Questions</p> <p>Q1. Which action from the story shows a push used to make an object move?</p> <p>Q2. Identify one activity from the story where pull is used.</p> <p>Q3. If Priya wants to move a heavy table away from the wall, should she push or pull it? Give a reason.</p> <p>Q4. Name one daily life activity (not mentioned in the story) that involves both push and pull.</p> <p>Q5. How do push and pull help us in doing work easily in our surroundings? Explain in one or two sentences.</p>													

Q15 PICTURE BASED QUESTIONS

- Write whether each picture shows a "push" or a "pull".

 -----	 -----	 -----
 -----	 -----	 -----

- Draw another "push" and "pull" picture.

