DAR ES SALAAM INDEPENDENT SCHOOL – COMPUTING LESSON
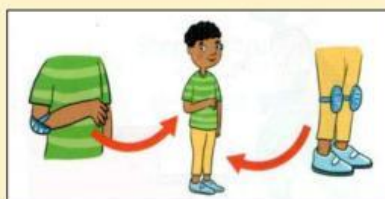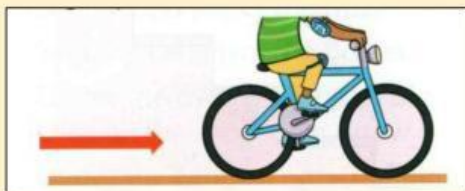
CREATED BY MISS KITUNGA

NAME OF STUDENT:

COMPUTATIONAL THINKING

REPETITION IN TASKS

Here are the steps of riding a bike, Place the pictures in the right box

Step 1: Put on elbow and knee pads	**Step 2: Put on helmet.**
Step 3: Get on bicycle. Place left foot on the left pedal and push off the ground using the right foot.	**Step 4: Use the left foot to push down on left pedal.**
Step 5: Use right foot to push down on right pedal.	**Step 6: Repeat steps 4 and 5 to continue pedalling to move the bicycle forward.**

QUESTIONS:

1. Which steps needs to be repeated so the bicycle continue moving forward?

    [ ]

2. What will happen when these steps are not repeated.

    [ ]

3. Algorithm 4 show the steps for drinking a glass of juice.
    -   Identify the steps that are repeated in this task.

    [ ]

ALGORITHM 4	
STEPS	INSTRUCTIONS
1	Pour juice in glass
2	Pick up glass
3	Take a sip of juice
4	Put down glass
5	Pick up glass
6	Take a sip of juice
7	Put down glass
8	Pick up

Write the algorithm that is more efficient

ALGORITHM 5	
STEPS	
1	
2	
3	
4	

5