



Topic: Mirror Figures

Resources: For each team: activity card B-2-1, a pencil
- For each child: a 12x6 plate, four 2x2 bricks.
The bricks for each team must be the same color.



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Sequence of activities:

1. The teacher distributes the sets to the children.
2. The teacher gives the following instructions:
 - Place the plate on the table in front of you with the short (6) side towards you.
 - Place one brick in the lower left corner of the plate.
 - With another team member put your plates together so that the two long sides meet.
 - Move the brick on one plate so that it is next to the brick on the other plate.
 - What geometric figure do you have?
 - Arrange all four plates so that you make a square.
3. The teacher checks that this has been done properly, then gives the following instructions:
 - Each of you take your plate and add the three remaining bricks to make a square.
 - Pick up your plate and show everybody how you did this.
 - Now put all four plates together to make an even bigger square.
4. The teacher checks that all the teams have done this successfully, then gives a new set of instructions:
 - Look at the picture on the activity card (B-2-1). What is it?
 - Each mark on the card, which brick you think you must take away to make the cross shown on the card.
 - Collect your plates and take away the brick you marked on the card.
 - Now put all four plates together to check that they make a cross.
5. The teams check their hypotheses. The teacher asks whether they managed to make, with the bricks, the shape they wanted. Where there is not a match, the children helped by the teacher, explain why this happened and correct their model accordingly.
6. Now the teacher gives the final instruction:
 - Take your plates and move one brick so that when the plates are together, they make the frame shown on the activity card (B-2-1).
7. The teacher checks that all teams have succeeded

