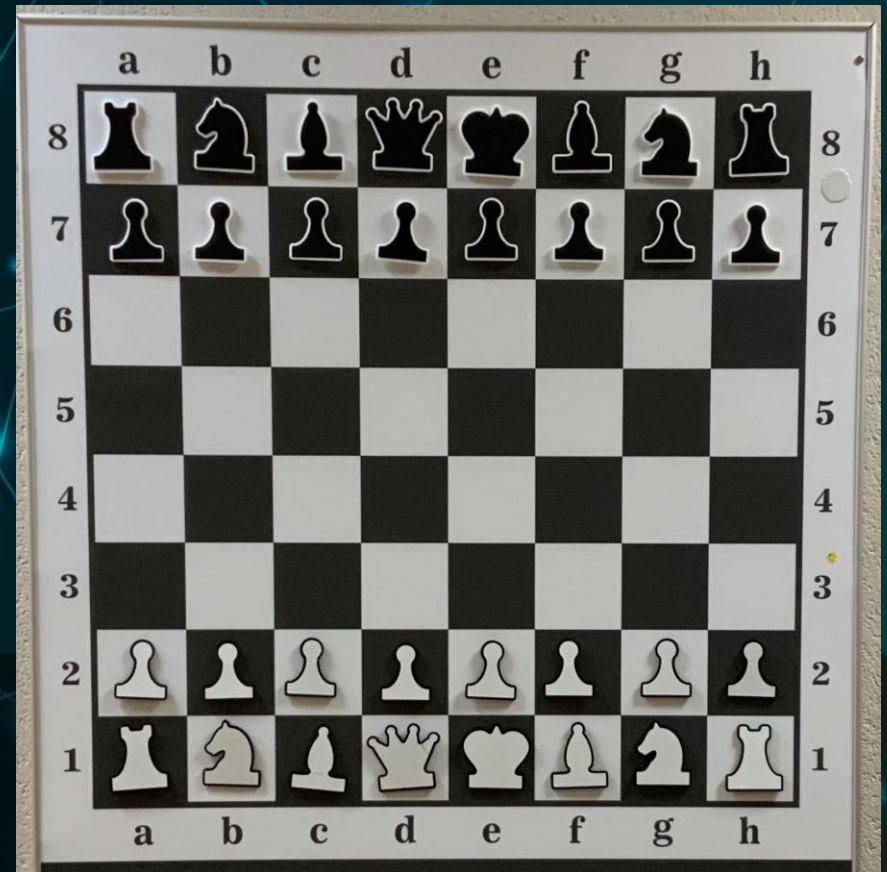


# Classroom organization Demonstration board

Demonstration board and pieces are made in a special color scheme:

- the squares on the board are white and dark gray;
- the pieces are white and black with contrasting edging so as not to merge with the squares.



# Classroom organization



Additional empty tables between the child's workplace. To conveniently arrange visual cards, a workbook and so that the figures fall less on the floor.

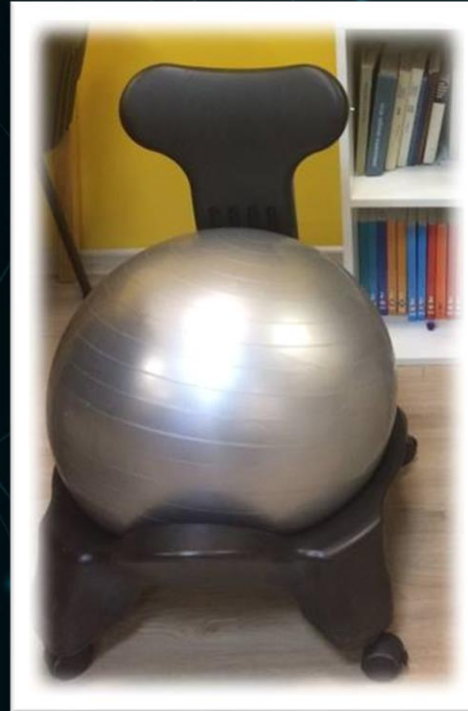


Resting place during break

# Classroom organization



soft pillow chairs



fit-ball chair

ordinary chair





# Chess classes – Main ideas

- Change your tone of speech: make sentences shorter, pause between words.
- Use different memorization techniques: visual, auditory, body movements, physical exercises.
- Work with individual child is more important than whole class lectures.
- Make classes dynamic, engaging, non-boring.
- Also, the coach should contact the parents to explain what the children did in the classroom and what should be done at home, how to consolidate the knowledge gained, what to look for when doing homework.
- Homework is an important part of learning.

# **Program of chess classes for working with children with autism spectrum disorder**

The program was developed based on three years of experience working with groups of children with ASD.

- Educational and methodological material is divided into topics, not separate lessons.
- The most simple exercises in the study of each concept, technique. Smooth complication of exercises.
- Active chess games. Cognitive activities.

# Beginning of the first topics

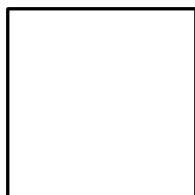
**Basic activities:** teacher's lecture, presentation on a demo board, face-to-face sessions on personal chessboards, written assignments, physical activity.

**Equipment:** demo board, personal chessboards, colored magnets for the demo board, colored circles (chips) for personal boards, floor chessboard, visual cards.

# Visual cards

## SQUARE

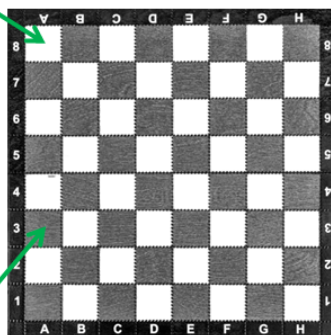
White →



← Black

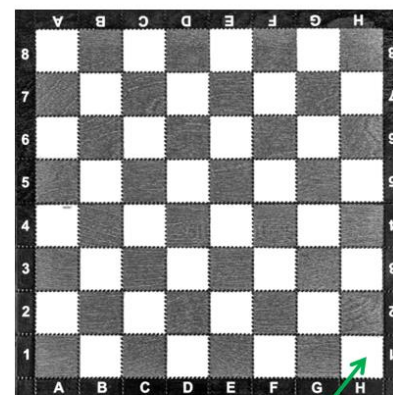
## SQUARE

White



Black

## The correct positioning



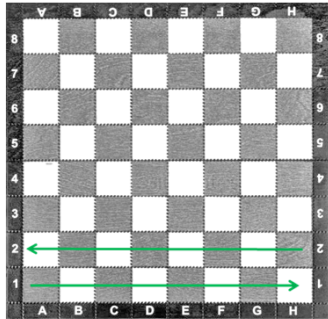
White square



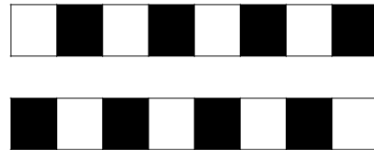
# Visual cards

for repeating the material covered at home

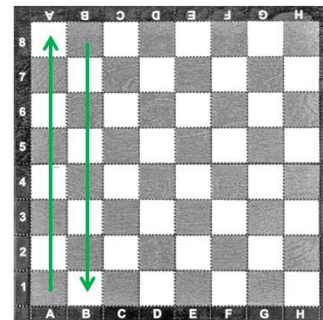
## Horizontal lines



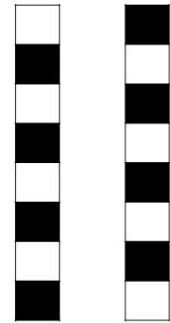
## The squares alternate in color



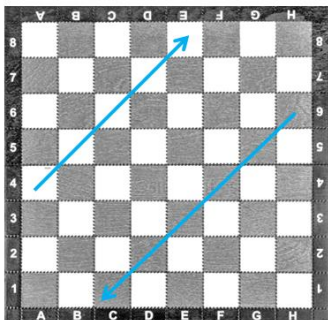
## Vertical lines



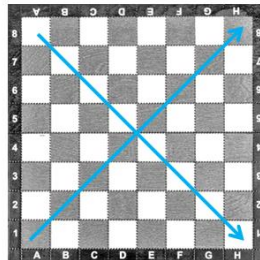
## The squares alternate in color



## Diagonal lines



## A long diagonal line

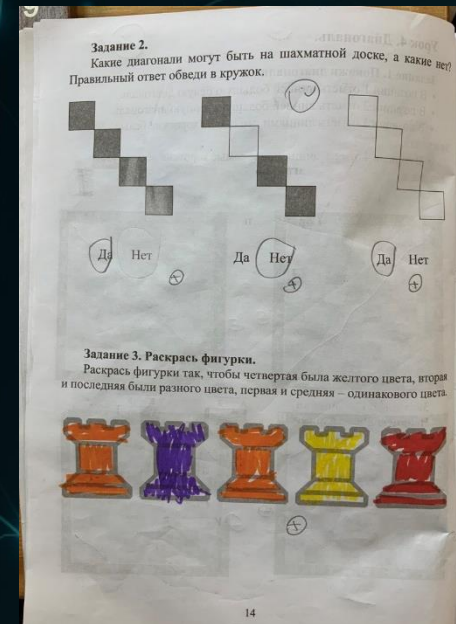
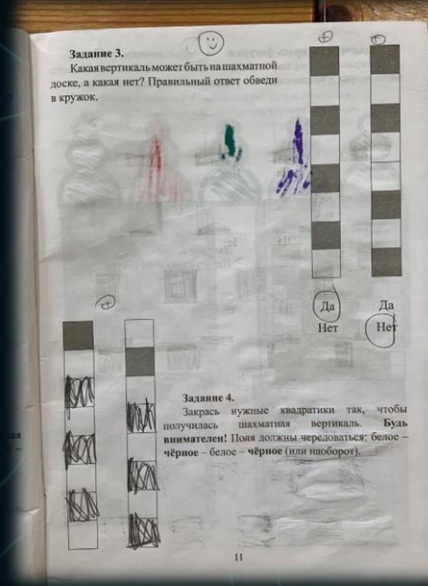
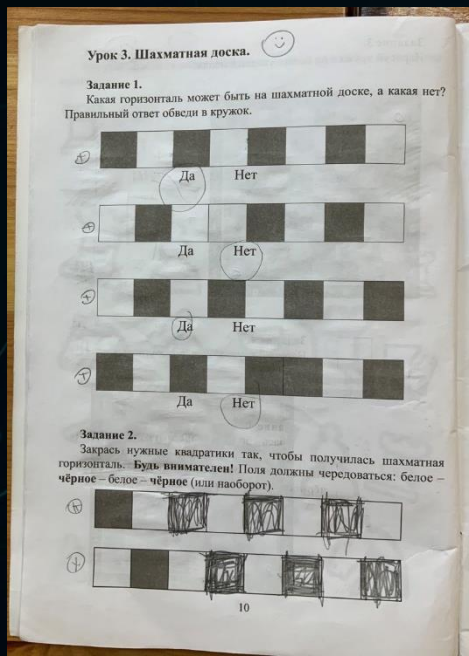


**eight (8)** white or black squares



# Doing the exercise on paper

Color the horizontal line, the vertical line.  
Choose which horizontal line, vertical line and diagonal  
can be on the board and which cannot.



# Visual cards

for repeating the material covered at home

## White pieces

|   |               |   |
|---|---------------|---|
|    | <b>Rook</b>   |    |
|    | <b>Knight</b> |    |
|    | <b>Bishop</b> |    |
|    | <b>Queen</b>  |    |
|   | <b>King</b>   |   |
|  | <b>Pawn</b>   |  |

## Black pieces

|   |               |   |
|---|---------------|---|
|    | <b>Rook</b>   |    |
|    | <b>Knight</b> |    |
|    | <b>Bishop</b> |    |
|    | <b>Queen</b>  |    |
|   | <b>King</b>   |   |
|  | <b>Pawn</b>   |  |

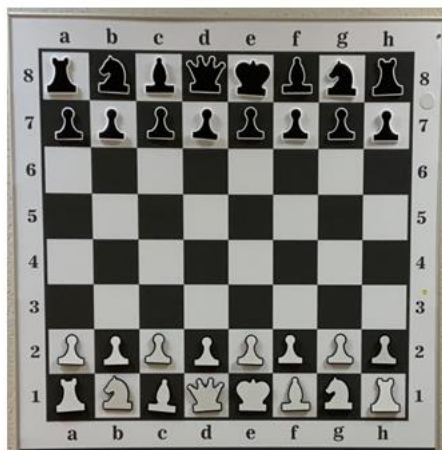
All visual cards are laminated.

# Visual cards

for repeating the material covered at home

## Initial position

on a demo board



in a book





# Our lessons



Group lesson

Individual work



# Our lessons



Position setup based  
on printed material

Individual work



# Summary

## **12 students in 3 groups:**

- All kids know the pieces and most of them know how they move.
- All kids know the chess notation and can set up a position on the demo board from a printed one.
- 6 children are guided by what is check, checkmate, stalemate, en-passant, castling. They can play a game deliberately: they want to checkmate in order to win it.
- 6 children can play the game, but do not understand the purpose of the game. They simply move and rearrange the pieces mechanically.

In such a short time, it is already a great success with all kids!  
Speed and depth of understanding will vary child to child.



**Thank you very much for your attention!**

