

# KatoKits: Activity Lesson Plans & Developmental Checklist for Early Childhood Education



Inspire Young Minds, One Activity at a Time



## Comprehensive Lesson Plans

Thoughtfully designed activity plans that promote early childhood development in cognitive, social-emotional, & physical domains

## Designed for Educators and Parents

Flexible activities that adapt to different learning environments, offering support every step of the way, whether at home or in the classroom.

Thank You from KatoKits!

We want to extend a warm and heartfelt thank you for choosing KatoKits as your trusted partner in your child's learning journey

*Explore More !*

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[www.Katokits.ca](http://www.Katokits.ca)



Theme: On the Road

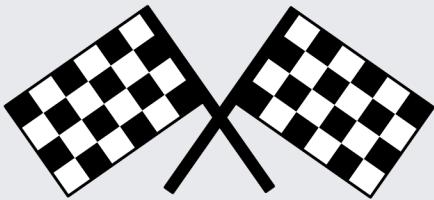
Domain: Cognitive & Motor Skills Development

**DESCRIPTION:** Race Car Activity engages children in a race-themed game where they roll dice & move toy cars along a track. This activity helps develop cognitive skills such as counting & number recognition while enhancing fine motor control & turn-taking.

### LEARNING OBJECTIVES:

- Number recognition (identifying the numbers on the dice and cars)
- Counting skills (counting spaces as they move the car) Fine motor skills (moving the cars along the track)
- Turn-taking and patience (waiting for their turn)
- Problem-solving (choosing strategies for moving the car)

### INSTRUCTIONS



#### 1. Preparation:

- Set up the track with numbered spaces, and place the cars at the start line.
- Ensure all materials (cars, dice, track) are accessible to the children.

#### 2. Introduction to the Activity:

- Introduce the cars and explain the game.
- Tell the children that they will roll the dice and move the car according to the number rolled.
- Explain that the goal is to reach the finish line by counting the spaces.

#### 3. Demonstration:

- Show an example: Roll the dice, move a car according to the number on the dice, and count out loud to demonstrate.
- Explain how to move the car carefully along the track, keeping the car on the road.

#### 4. Encourage Participation:

- Let the children take turns rolling the dice and moving the cars.
- Use questions like "How many spaces did your car move?" or "What number did you roll?"



## 5. Facilitate and Guide:

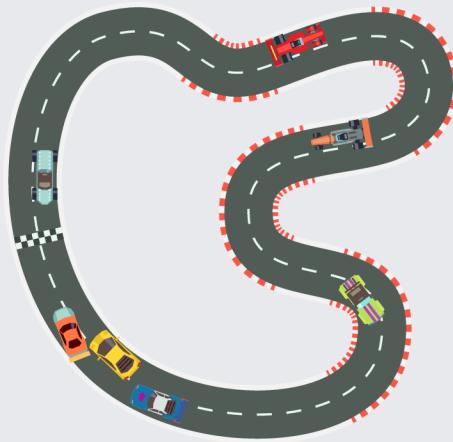
- Support the children as they move their cars, ensuring they count the spaces accurately.
- Encourage cooperation by asking them to help one another when they need assistance.

## 6. Discussion & Reflection:

- Once the game is completed, gather the children to discuss.
- Ask questions like: "How many spaces did your car move the most?" or "What strategy helped you win?"

### Transition Ideas:

- **Song Transition:** Use a song like "Drive My Car" or make car engine noises to signal the start or end of the game.
- **Movement Breaks:** Encourage children to act like cars driving fast or slow around the room.
- **Countdown Routine:** Give a countdown (e.g., "5 seconds left to finish the race") to help transition to the next activity.



### Developmental Benefits:

#### 1. Cognitive Development:

- **Number Recognition:** Identifying the numbers on the dice & matching it to spaces on the track.
- **Counting Skills:** Counting the correct number of spaces to move the car.
- **Problem-Solving:** Strategizing how to move the car to get ahead in the race.

#### Teaching Strategies:

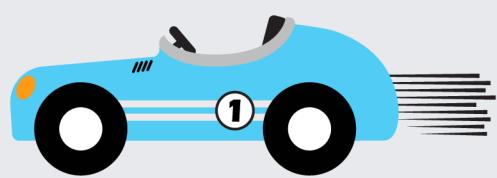
- **Scaffold Learning:** Start with smaller tracks or fewer spaces, then increase the challenge as they improve counting.
- **Use Visual Aids:** Use colorful numbers & cars to make it easier for children to recognize numbers.
- **Encourage Peer Learning:** Have children work in pairs or groups, rolling the dice and counting spaces together.
- **Facilitate Reflection:** After the activity, talk about what they learned, what was easy, & what was challenging.

#### 2. Motor Skill Development:

- **Fine Motor Skills:** Carefully moving the cars without knocking them over.
- **Hand-Eye Coordination:** Controlling the movement of the car while watching its position on the track.

### Expand the Activity:

Introduce different rules such as having to roll a specific number to win. Add a time element, challenging children to complete the race within a set time.



# Race Car Developmental Checklist

Child's Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Number Recognition:

- Child can identify the numbers on the dice and name them.
- Needs assistance in recognizing numbers.

## Counting Skills:

- Child can count spaces accurately.
- Needs guidance to count spaces properly.

## Motor Skills:

- Needs help controlling the movement of the car.
- Child moves the car smoothly along the track.

## Problem-Solving:

- Child uses strategies to move their car based on the dice roll.
- Needs support to understand the rules of the game.



## Turn-Taking:

- Child waits patiently for their turn.
- Needs reminders to wait for their turn.

## Attention & Focus:

- Child stays focused on the activity for an age-appropriate duration.
- Needs support to maintain attention.

## Verbal Expression:

- Child talks about their experience (e.g., "I rolled a 4, so I move 4 spaces!").

## Memory Skills:

- Needs encouragement to verbalize their actions.
- Needs help remembering the game's rules.
- Child remembers the rules of the game (e.g., how many spaces to move based on the dice).



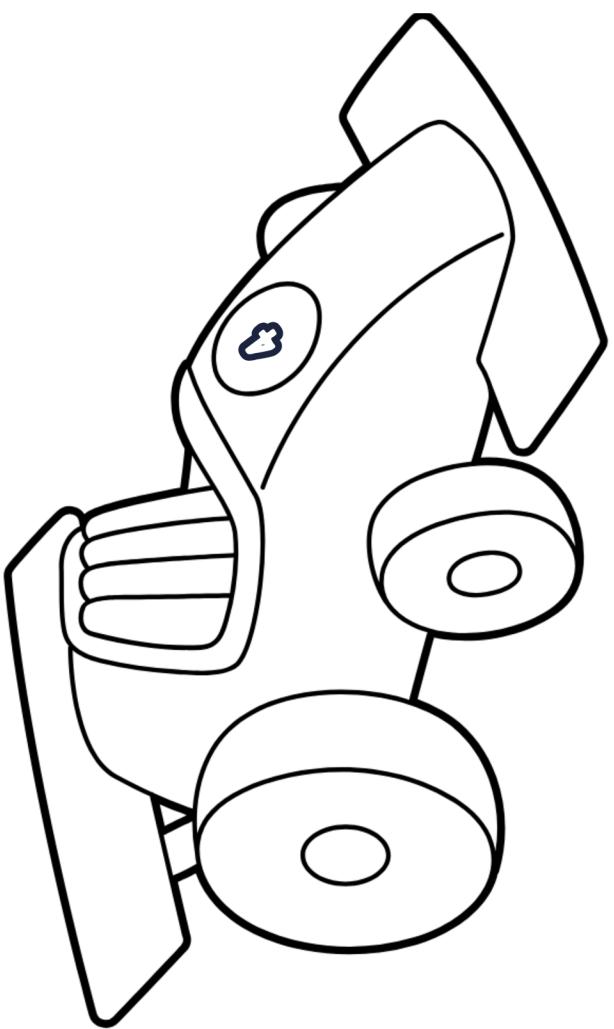
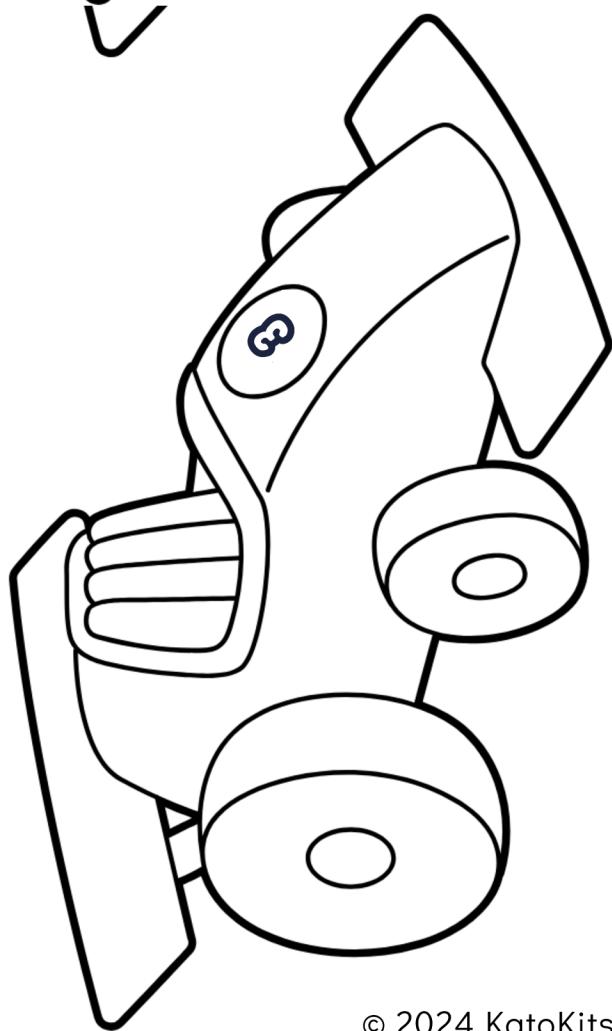
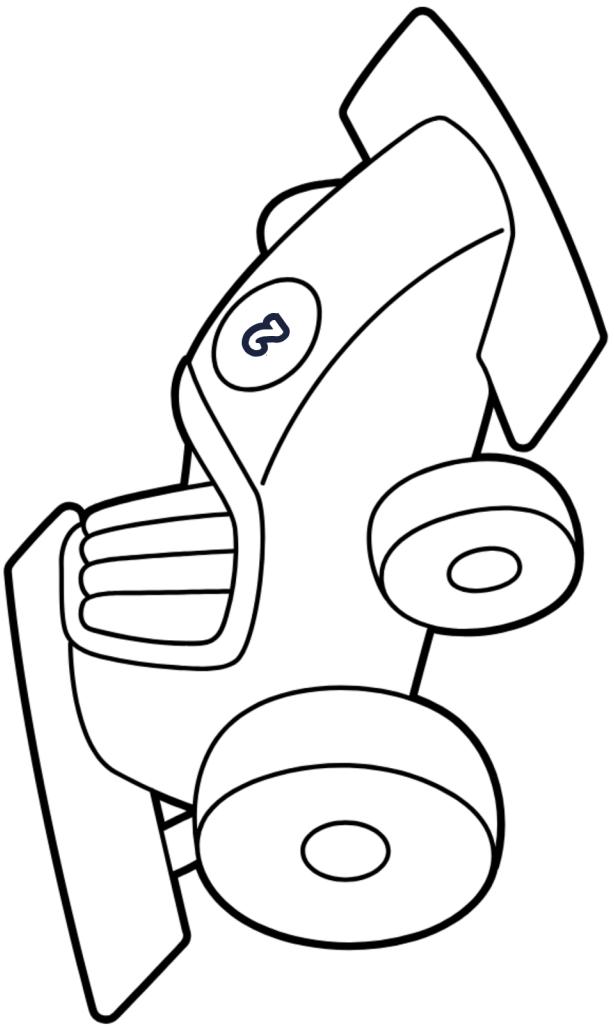
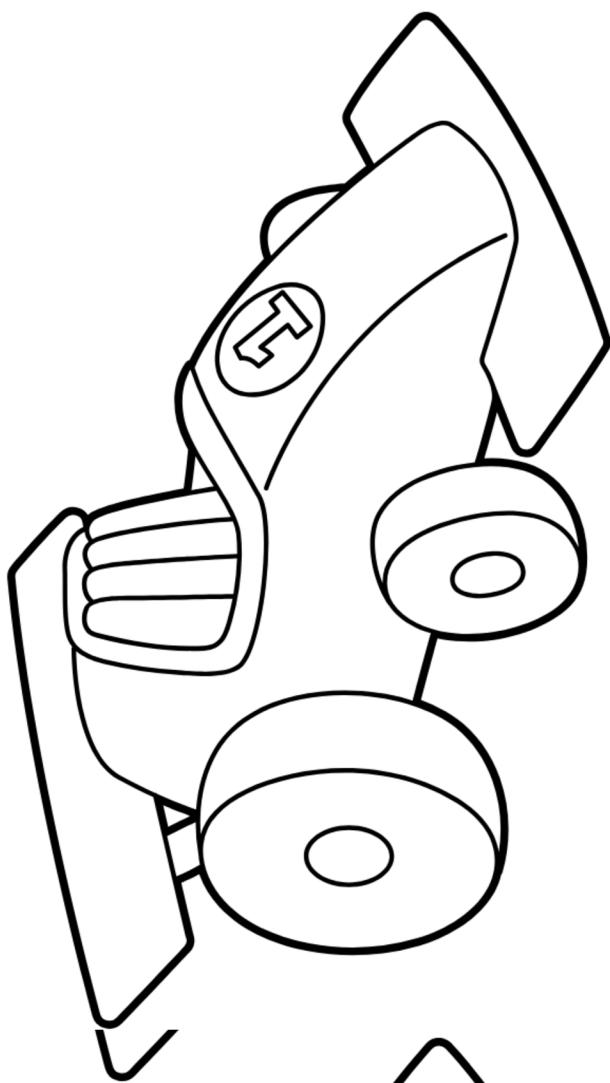
## Observation Notes:

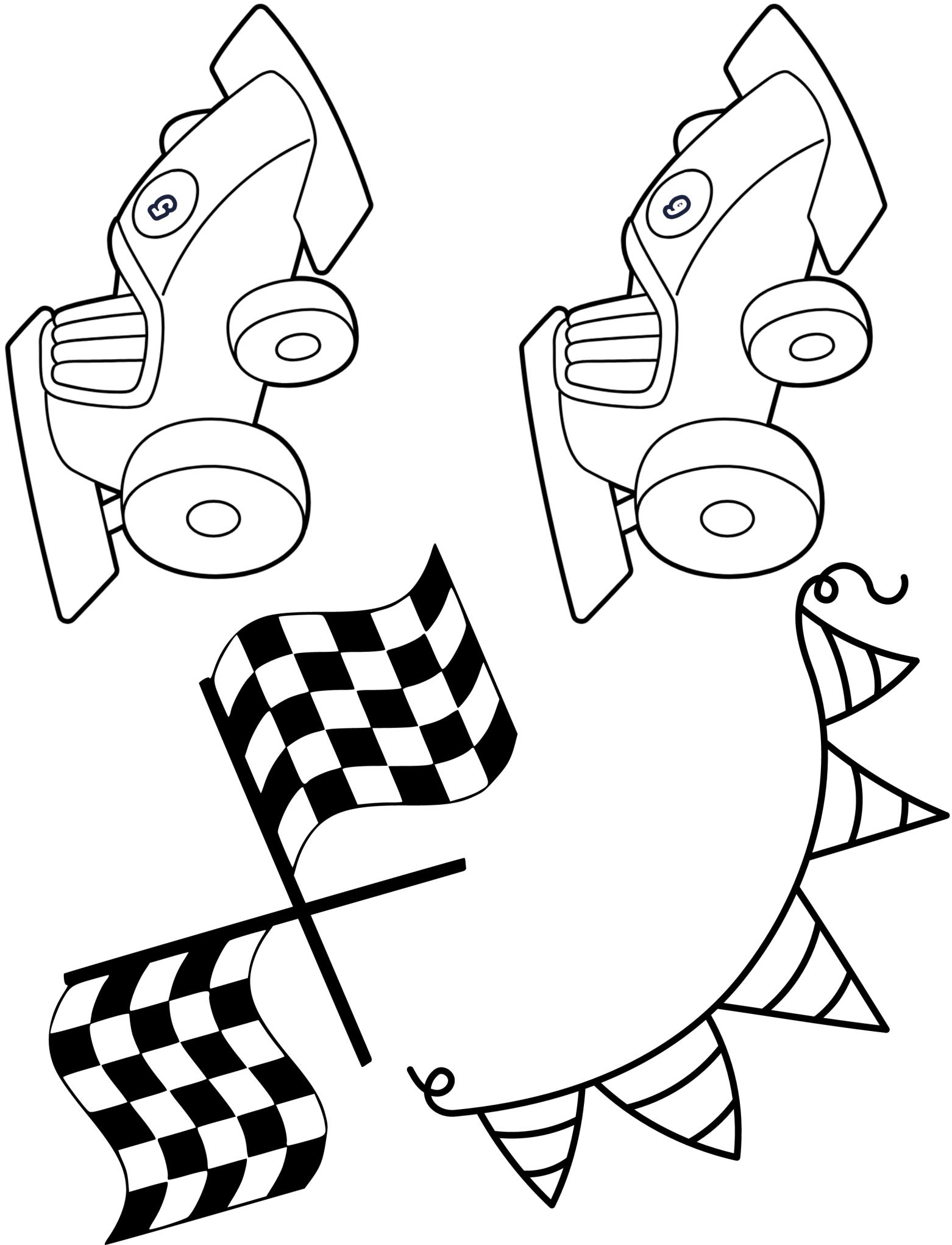
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## Additional Comments:

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*Signature*





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