

VARIOUS MODES OF TRANSPORTATION

OVERVIEW

DURATION: 45 – 50 MINUTES

CATEGORY: TRANSPORTATION

NUMBER OF STUDENTS: 30 IN EACH SESSION APPROXIMATELY

ENRICHMENT COMPONENTS: D.I.Y., STEAM, TRANSPORTATION, ENGINEERING

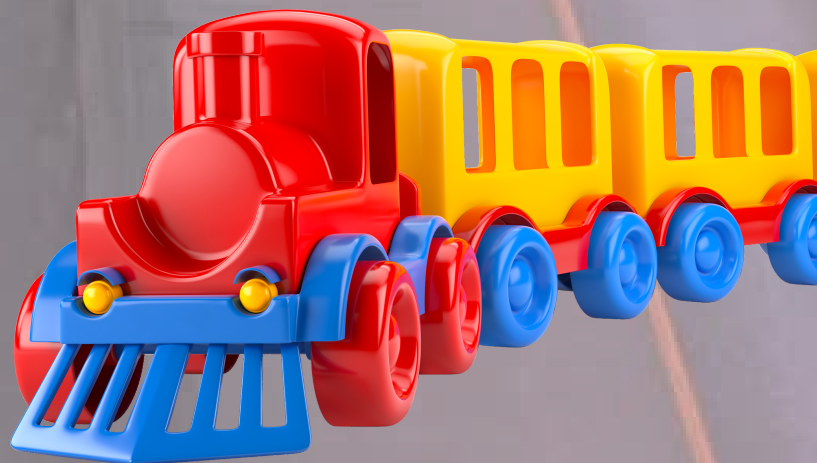
QUALITY STANDARDS: CALIFORNIA STANDARDS OF LEARNING

LEARNING OBJECTIVE

STUDENTS WILL LEARN ABOUT THE DIFFERENT MODES OF TRANSPORTATION AND RELATE TO REAL-LIFE EXAMPLES. THEY WILL ALSO TRY AND LEARN TO BUILD A RELATIONSHIP ABOUT THE VARIOUS EXAMPLES AND THEIR DESCRIPTIONS. NB: - MAKE SURE TO LET THEM PLAY WITH THE TOYS EITHER IN GROUPS OR INDIVIDUALLY TO LET THEM TAKE PART IN THE ACTIVITY WHOLEHEARTEDLY

ENGINEERING VOCABULARY

- **Transportation:** An act or action of transporting or moving from one place to another. Transportation can be related to goods, commodities, or people in general.
- **Basic modes of transportation:** Road - cars, Rail - trains, Air - airplanes



VARIOUS MODES OF TRANSPORTATION

STEPS FOR THE ACTIVITY

1. FSTI team members introduction.
2. Dividing students into equal groups.
3. Introduction to transportation and the activity by asking questions as follows.
Basic questions about Transportation like: -
 - What do you know about Transportation? Do you know what it means?
 - How do you get to School? How do you go see your grandparents? How do you go for groceries?
 - How do you think we can cross a river?
4. YouTube video (Optional) [Link](#)
5. Distribution of the toys into each group – each group gets approximately 15 toys that is 15 toys per bag
6. Kids differentiate the different toys as per color, function, and physical appearance similarities.
7. Transportation riddle question and answers with the help of riddle posters (See attached Transportation Riddle Questionnaire)
8. Now that they have completed the activity, let the kids have some fun playtime with the set of toys and make sure they put them back to the bags provided to them
9. Giveaway for kids like stickers, tattoos, colorful transportation erasers, coloring pencils etc. (gift bag is also an option)
10. Completion assessment and survey for teachers

DISCUSSION/ENGAGEMENT QUESTIONNAIRE

- Between walking and driving a car, which is a faster way of transportation?
- What can also travel under the water?
- What flies up in the air that looks like a bird?
- How are a bus and a car similar and different?
- Also, asking questions like if you want to travel short distances like your friend's house in the neighborhood will you
- Travel by car or a bike or simply walk, which one is more suitable or easy for you?



SOCIAL EMOTIONAL LEARNING

- **Growth Mindset:** Young people believe that they can, through their efforts, grow in their intelligence and abilities.
- **Self-Awareness:** Young people can recognize and understand their identity and feelings.
- **Interpersonal Skills:** Young people use effective communication and collaboration skills to establish and maintain positive and productive relationships.
- **Social Awareness:** Young people have the capacity for empathy, can consider and appreciate the diverse feelings, perspectives, and personal contexts of others.