# 🎨 Student Handout: Colors & Paint Coating in Transportation

## 1. Key Concepts & Content

### Scenario: Choosing a Color Scheme for a New Bus Fleet

You are part of a transportation company team. Your task is to choose the right **paint coating** for the new buses. You need to consider:

- **Primary, secondary, and tertiary colors**
- **Types of paint and finishes** (glossy, matte, metallic)
- **Application process** (primer, base coat, top coat)
- **Professional requirements** (visibility, durability, company standards)

👉 In this lesson, you will learn **vocabulary, grammar, and professional expressions** to talk about colors and paint coatings in real transportation contexts.

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### Visual 1: The Color Wheel (Primary → Secondary → Tertiary)



(Provide a full color wheel graphic when distributing)

### Visual 2: Paint Layers in Transportation

**Primer → Base Coat → Color Coat → Clear/Top Coat**

## 2. Key Vocabulary

| Term | Spanish meaning | Definition | Example Sentence |
|---|---|---|---|
| Primary colors | | Red, blue, yellow – cannot be mixed | *Red is a primary color.* |
| Secondary colors | | Colors made by mixing two primaries | *Orange is made from red + yellow.* |
| Tertiary colors | | Mix of a primary and secondary | *Blue-green is a tertiary color.* |
| Hue | | Basic color family | *The hue of this stripe is green.* |
| Tint | | A lighter version of a color (add white) | *We used a light tint of blue.* |
| Shade | | A darker version of a color (add black) | *This shade is darker than the base coat.* |
| Matte | | Non-shiny finish | *Safety vehicles often use a matte finish.* |
| Glossy | | Shiny finish | *A glossy finish improves visibility.* |
| Metallic | | Finish with reflective particles | *The car has a metallic silver finish.* |
| Primer | | First paint layer for adhesion | *You must apply two coats of primer.* |
| Base coat | | Main color layer | *The base coat is blue.* |
| Top coat | | Protective final layer | *We applied a glossy top coat.* |
| Blend | | To mix smoothly | *Blend the pigments carefully.* |
| Spray | | Apply paint with a spray gun | *They are spraying the chassis now.* |
| Chassis | | The frame of a vehicle | *The chassis is coated with anti-rust paint.* |
| Corrosion-resistant | | Protects against rust | *This bus needs a corrosion-resistant coating.* |
| Customized finish | | Special design/color | *The client requested a customized finish.* |
| Uniform color | | Same color across vehicles | *The fleet has a uniform white color.* |
| Drying time | | How long paint needs to dry | *This paint has a short drying time.* |

## 3. Grammar in Context

1. **Describing Colors (Present Simple + Adjectives)**

- *The primer is red.*

- *This coating looks glossy.*

2. **Color Mixing (Passive Voice + Continuous)**

- *Green is made by mixing blue and yellow.*
- *We are mixing red and yellow to get orange.*

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# 4. Student Exercises

## Listening (Script provided below)

🔊 **Task:** Listen to the supervisor explaining the painting process. Write down the three main steps.

**Audio Script:**
"First, apply a layer of primer. Then, spray the base coat in two thin layers. Finally, add the top coat for protection and shine."

**Question:** What are the three steps mentioned?

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## Speaking (Role Play)

🎭 **Task:** In pairs, role-play a *client and technician* conversation.

- Client: asks for recommendations about colors and finishes.
- Technician: suggests options using comparatives, preferences, and modals.

Example:

- Client: *Which color combination do you suggest for the new truck?*
- Technician: *I recommend a glossy white for visibility. You should also use a metallic stripe for design.*

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## Reading

📖 **Text:**
"The company decided to repaint its bus fleet. They used a corrosion-resistant primer,

followed by a blue base coat and a silver stripe. Finally, they added a glossy top coat. This scheme improves visibility at night and matches the company's brand."

**Comprehension Questions:**

1. What type of primer did the company use?
2. What was the main base coat color?
3. Why did they add a glossy top coat?

## Writing

✍ **Task:** Design a paint scheme for a new bus. Write 6–8 sentences describing:

- The **colors** (primary, secondary, tertiary)
- The **finish** (matte, glossy, metallic)
- The **application steps** (primer, base coat, top coat)
- Your **recommendation** for durability

Example starter:
"Our design uses a red-orange stripe on a white base coat. The finish is glossy to improve visibility at night…"

# 5. Functional Language

- **Asking for recommendations**: *Which color do you suggest for heavy-duty vehicles?*
- **Giving advice**: *You should use a lighter shade for better visibility.*
- **Expressing preference**: *I prefer metallic finishes for company cars.*
- **Comparing options**: *This paint is more resistant than the previous one.*
- **Professional phrases**: *The coating must match the company's color standard.*

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