

Unit 9 - Lesson 5

MCQ Practice - Day 2



Computer Science A

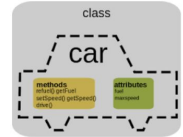
Warm Up



 **Do This:**

1. Look through your unit guides for **terms** that **need attention**.
2. Create flashcards for **3-5 words**. Your flashcards should include **text** and **visuals**.

Class



The diagram shows a dashed-line box labeled 'car' with the word 'class' above it. Inside the box, there are two smaller boxes: one labeled 'methods' containing 'start() car can', 'accelerate()', and 'brake()' and another labeled 'attributes' containing 'color' and 'wheels'.

The blueprint from which you create objects.

It is the abstract data type that contains the attributes (variables) and procedures (methods) for your objects.

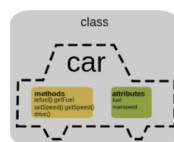
Think of it like a cookie cutter used to mold.

 **Do This:**

Test yourself using your flashcards.

As you use them, challenge yourself to think about anything related to the definition.

Class

The blueprint from which you create objects.

It is the abstract data type that contains the attributes (variables) and procedures (methods) for your objects.

Think of it like a cookie cutter used to mold.

Activity





Choice Board Study Strategies

Flashcards	Write a Video Script	Topic "Cheat Sheet"
Design Multiple Choice Questions - With a Partner	Mini Lesson	Code.org Videos + Note Catcher
AP Classroom Videos + Note Catcher	AP Classroom Multiple Choice	Concept Diagram



Array	10-15% of Multiple Choice Section
Assessment Data:	<p>Individual Mastery Rating:</p>
Subtopics	
Star or highlight any subtopics you'd like to spend additional time reviewing	
<input type="checkbox"/> Array Creation and Access <input type="checkbox"/> Enhanced for Loop for Arrays	<input type="checkbox"/> Traversing Arrays <input type="checkbox"/> Developing Algorithms Using Arrays



Choice Board Study Strategies

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Flashcards

Create flashcards for vocabulary, concepts, or practice problems.

Use words and visuals on your cards.



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Video Script

Choose one topic to explain.

Create a video script (and draft visuals) to teach that topic to someone else with little to no CS background.

Extension: Turn your script in to a short film!



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Cheat Sheet

Create a cheat sheet of all the information you might need on a particular topic for the exam.



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Design MCQs

Create a set of multiple choice questions using all three question styles.



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Mini Lesson

Teacher-facilitated small group reteaching of a previous topic.



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Code.org Videos & Notes

Review the course videos and use a note catcher to actively engage with the video content.



Choice Board Study Strategies

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AP Classroom Videos

Review the videos available on AP Classroom and use a note catcher to actively engage with the content.



Choice Board Study Strategies

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AP Classroom MCQ

Access the sample multiple choice tests provided on our AP Classroom website.

Choose a question set that is relevant to the topic you would like to practice.



Choice Board Study Strategies

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Diagram Concepts

Choose a topic and create a diagram or mental model for this concept.

Draw connections between this topic and others we have addressed.

Choice Board Study Strategies

You should have:

- Access to the MCQ Choice Board

Optional

- Notecards
- Scratch paper
- pen / pencil

Activity Guide - MCQ Choice Board C O
D E

<u>Flashcards</u>	<u>Write a Video Script</u>	<u>Topic "Cheat Sheet"</u>
<u>Design Multiple Choice Questions - With a Partner</u>	<u>Mini Lesson</u>	<u>Code.org Videos + Note Catcher</u>
<u>AP Classroom Videos + Note Catcher</u>	<u>AP Classroom Multiple Choice</u>	<u>Concept Diagram</u>

Access resources and directions by clicking on a study skill on the choice board.



Choice Board Study Strategies

✓ Do This:

1. Choose your study strategy
2. Click on the strategy from the choice board to access directions for the task.
3. Move to an appropriate space in the room and begin working.

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Wrap Up





 **Do This:**

Add topics and subtopics to your study plan.

Categorize each topic as high, medium, or low priority.

Identify goals and specific action items to help you achieve your desired level of mastery.

Step Two:

Priority	Topic	Subtopics to Review	How?	Goals

7