

# 5 Steps to a 5: AP Physics II

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June 2022

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# 1 Fluid Mechanics

## 1.1 Vocabulary

- Pressure and its forces are caused by the behavior of molecules
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## 1.2 Now the Nano-World Influences the Fluid World We Live In

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## 1.3 Density

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## 1.4 Pressure

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## 1.5 Static Fluids

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## 1.6 Applications of Static Fluids

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## 1.7 Barometer

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## 1.8 Bouyancy and Archimedes' Principles

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## 1.9 Dynamic Fluids - Continuity

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## 1.10 Dynamic Fluids - Bernoulli's Equation

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## 2 Thermodynamics and Gases

### 2.1 Vocabulary

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### 3 Electric Force, Field, and Potential

#### 3.1 Vocabulary

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## 4 Electric Circuits

### 4.1 Vocabulary

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## 5 Magnetism and Electromagnetic Induction

### 5.1 Vocabulary

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## 6 Geometric and Physics Optics

### 6.1 Vocabulary

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## 7 Quantum, Atomic, and Nuclear Physics

### 7.1 Vocabulary

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