



# Learning Goals

- 1. Identify the main components of a system.
- 2. Explain the relationship between the components.
- 3. Analyze the system's behavior under different conditions.
- 4. Design a system to meet specific requirements.
- 5. Evaluate the performance of a system.

The first goal is to identify the main components of a system. This involves understanding the system's structure and the role of each component. The second goal is to explain the relationship between the components, which is essential for understanding how the system works as a whole.

The third goal is to analyze the system's behavior under different conditions. This involves using mathematical models and simulation to predict the system's response to various inputs and parameters. The fourth goal is to design a system to meet specific requirements, which involves selecting the appropriate components and configuring them to achieve the desired performance.

The fifth goal is to evaluate the performance of a system, which involves comparing the system's actual performance against the design requirements and identifying areas for improvement. This process is iterative and often involves multiple cycles of design, analysis, and evaluation.

By achieving these learning goals, students will be able to understand the fundamental principles of system analysis and design, and apply these principles to solve real-world problems. This knowledge is essential for many fields, including engineering, computer science, and operations research.

The final goal is to evaluate the performance of a system, which involves comparing the system's actual performance against the design requirements and identifying areas for improvement. This process is iterative and often involves multiple cycles of design, analysis, and evaluation.



Activities: DRHO 89 Activities/tasks you will be doing to

MyMATHS NewHome

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### MIDWINTER EVALUATION

Date:  
Time:

### PERSONALIZATION

Date:  
Time:

### WORKSHEET

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday