



Understanding  
Our World

Grade Three

# Functional Phu My Hung



## Managing the Complexity of Systems

This Super Unit is a structured inquiry into helping the learner understand the world around them. Learners will manage the complex systems of our world. Learners will be empowered to improve the effectiveness and efficiency of the systems in our world. Learners will develop their ability to do systems thinking.

# Systems are developed to



## Highlights of Learning Experiences

**SuperUnit Launch:** Guest speaker, Gayle Tsien, will talk about the importance of systems in a thriving community and teach us about how Phu My Hung was developed amid challenges with the water in this area.

**Field Trip(s):** Walk, boat and bus tour day to observe neighbourhood systems (tentative), 1-2 neighbourhood walks to solidify project ideas.

**Guest Speaker(s):** Gayle Tsien, head of security (tentative), fire department representative (tentative)

**Project:** Learners will use their knowledge of efficient and effective systems to develop solutions that address problems they identify within their neighborhood's systems. They will develop a solution to the problem and design a webpage to share their ideas with other community members.

**Core Values:**

- Academic Excellence: Critical Thinking (Critical thinking is disciplined thinking that is clear, rational, open-minded, and informed by evidence.)
- Dedicated Service: Social and Environmental Responsibility (Social and environmental responsibility integrates social and environmental concerns in operations and interactions with all stakeholders in order to balance economic, environmental and social imperatives.)

**SuperUnit Celebration:** We will celebrate the launch of our collaborative website and view each other's projects in our classrooms. Parents will visit classrooms on 1 June from 7:45-8:15.



## Focus on Learning by Subject

**Science:** Water cycles, looking at the processes of transpiration, evaporation, condensation, precipitation.

**SS:** Government roles and responsibilities of local and national government and how they affect local systems; Geography, focusing on elements of maps and globes.

**English:** Persuasive language (written and oral).

**Math:** Fractions, measurement, and angles.

**Art:** Students will learn the 6 basic elements of good logo design using colors, symbols and specialized fonts. They will then use this knowledge to design logos in their homeroom class as part of their projects.

**Library:** Inquiry into why the library uses a system to organize its books? Nonfiction reading about community system organizations.

**Drama:** Students will create short plays to dramatise a community system. They will work on meeting a SCHOOL community need through providing entertainment at an assembly.

**Music:** Learning about how the four parts of the symphonic orchestra work together to create arrangements.

**PE:** Noticing systems within the game of volleyball and how all parts must work together to play successfully. How do sports help meet community needs?

**Vietnamese:** Learning how the Vietnamese government system helps to meet community needs. Writing letters to local representatives to make changes happen.

# meet the needs of people.



## Questions to Ask your Child

1. How can we improve the systems in our neighborhood?
2. What is a system?
3. Why do some systems work well?
4. Why do some systems fail?
5. What do communities need to thrive?
6. What systems do we have in our home?



## Home Learning

Language: Features of opinion writing, opinion writing within expository writing. Notice when someone is stating their opinion and using reasons.

Math: Fractions and Measurement. Baking (measure the ingredients), divide your baked goods into equal fractional parts.

SuperUnit: Systems around the home. Planning your project. Create more efficient or effective systems for reaching family goals or completing family routines.



## Suggested Home Extensions

Talk to your child about the systems that exist in your home (water system, electricity, garbage). Ask them how these systems impact their lives and how they work.

Talk to your child about how they could improve these systems. Ask your child why these are important and what would happen if they didn't exist or didn't work well.

Please consult with your child about what they are doing for their project. Maybe you can be a mentor and guide them to inquire deeper into improving or developing a system for the Phu My Hung community.



## Key Vocabulary

Community, want/wants, need/needs, individual, society, system, cycle, economy, resources, problem, issue, solution, valid, improve, thrive, opinion, prototype, efficient, effective.

Water related words: precipitation, condensation, evaporation, river, lake, stream, pond, ocean, sea, glacier, fresh water, salt water.



### **Super Unit Launch:**

Guest Speaker Gayle Tsien on the origins of  
Phu My Hung and the systems that  
communities need to thrive.

**Friday 13 April, 2:00, ES Flex Room**

### **Field trips:**

Bus and Boat Tour (Tentative)

**Thursday 12 April, 8:30-1:00,**

**Various Locations in Phu My Hung**

Local Walking Trips

**Time and Date Flexible based on  
student project needs**

### **Guest speakers:**

Gayle Tsien

Head of Security (Tentative)

Fire Department (Tentative)

**(during field trip)**

### **Super Unit Celebration:**

Project Website Launch, Fantastic Friday 1 June, G3 Classrooms,  
7:45-8:15 (Parents are Welcome!)



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