

# 21st Century - Learning Spaces

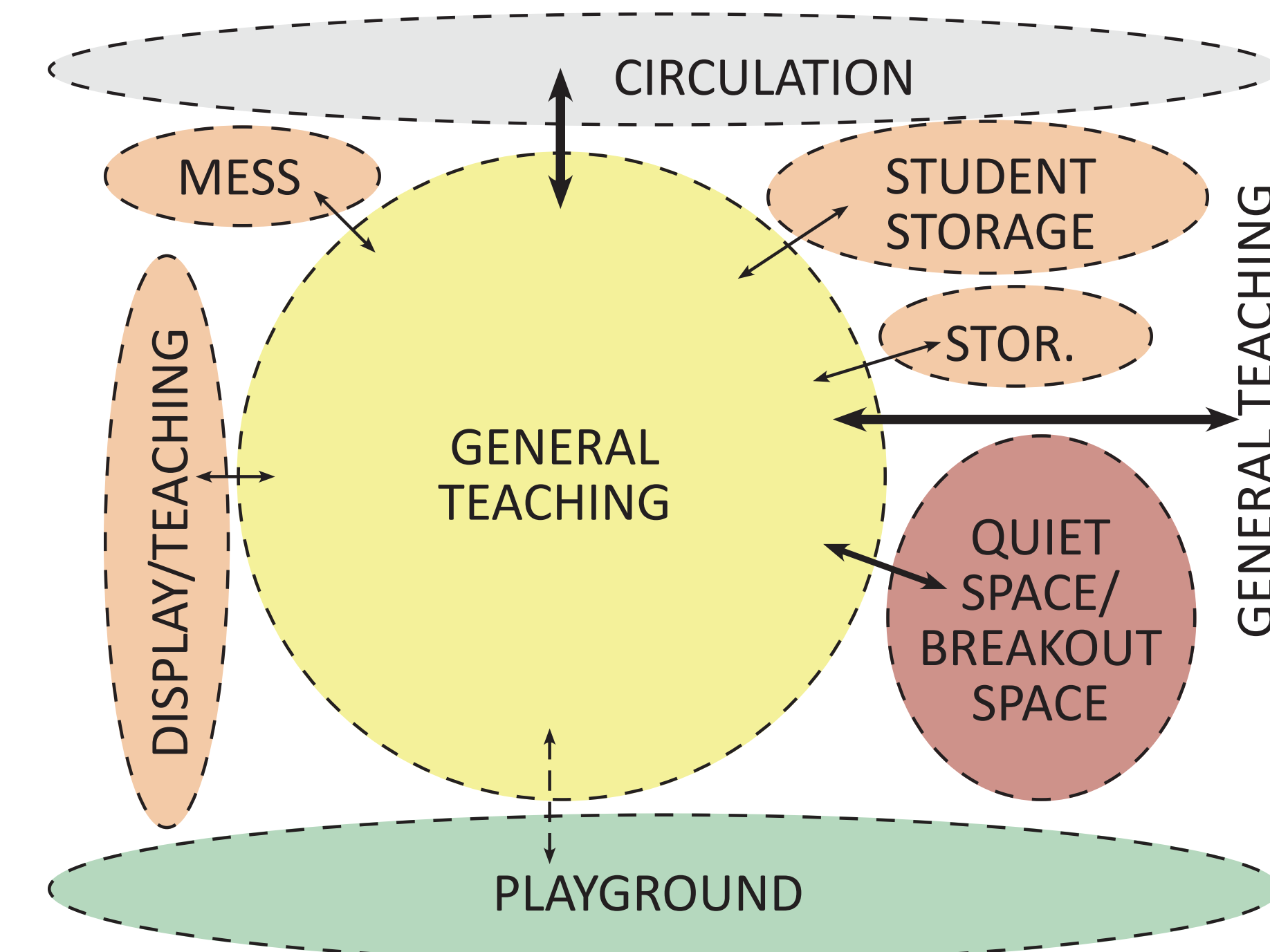
These boards are intended to illustrate newer, less traditional ways of conceptualizing learning spaces.



Spruce Street Nursery School

## Classroom: Learning Hub

- Clusters of classrooms teaching similar ages
- Pairs or groups of rooms for collaborative team-teaching & co-teaching
- Adjacent to break-out spaces
- Adaptable, flexible, with ample storage & display spaces
- Small group work & gathering areas within the classroom



Mothers' Club Family Learning Centre

## Visibility & Adjoining Rooms



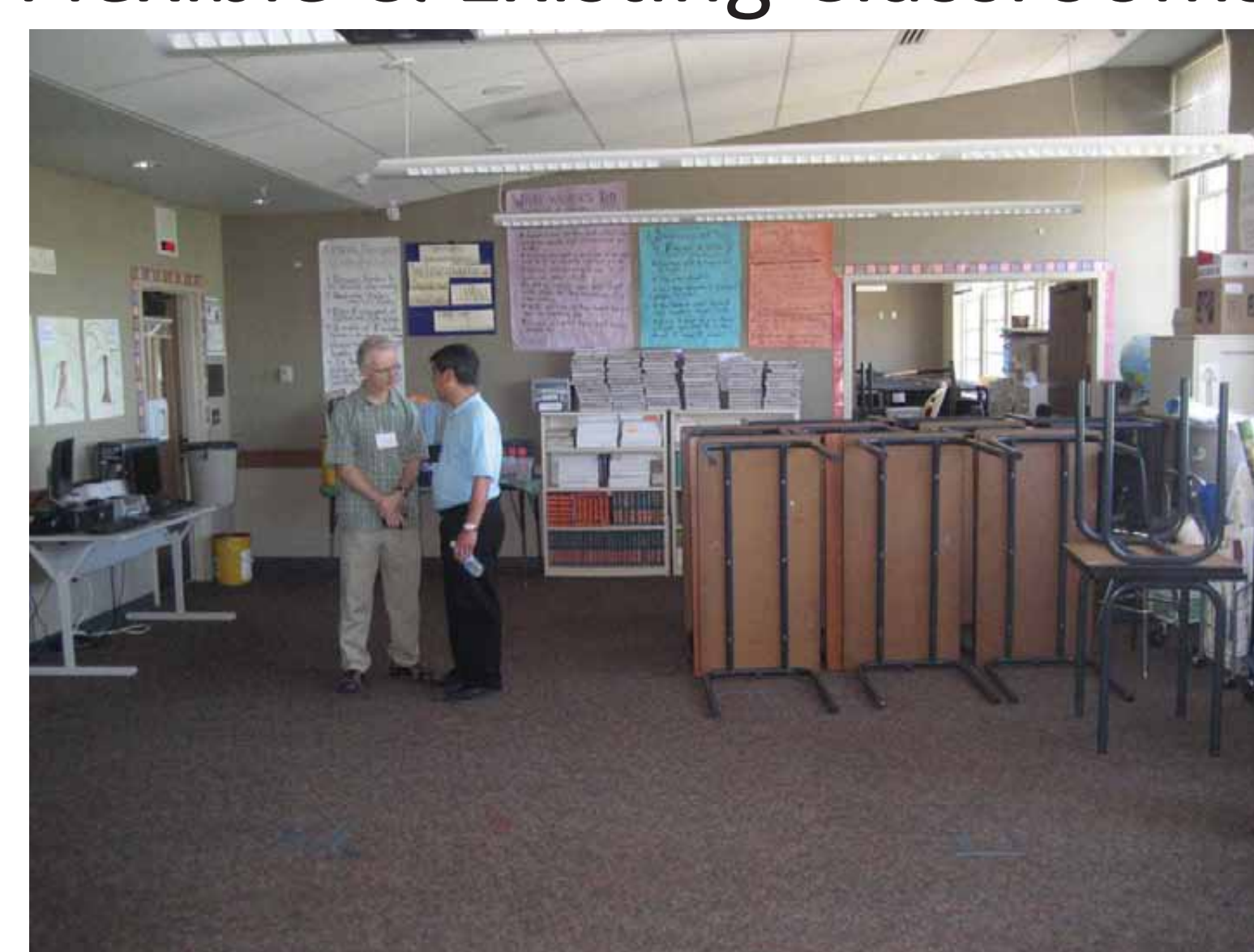
Charles Dickens Elementary School

## Flexible & Existing Classrooms



Charles Dickens Elementary School

## Classroom Storage



James A. Garfield High School



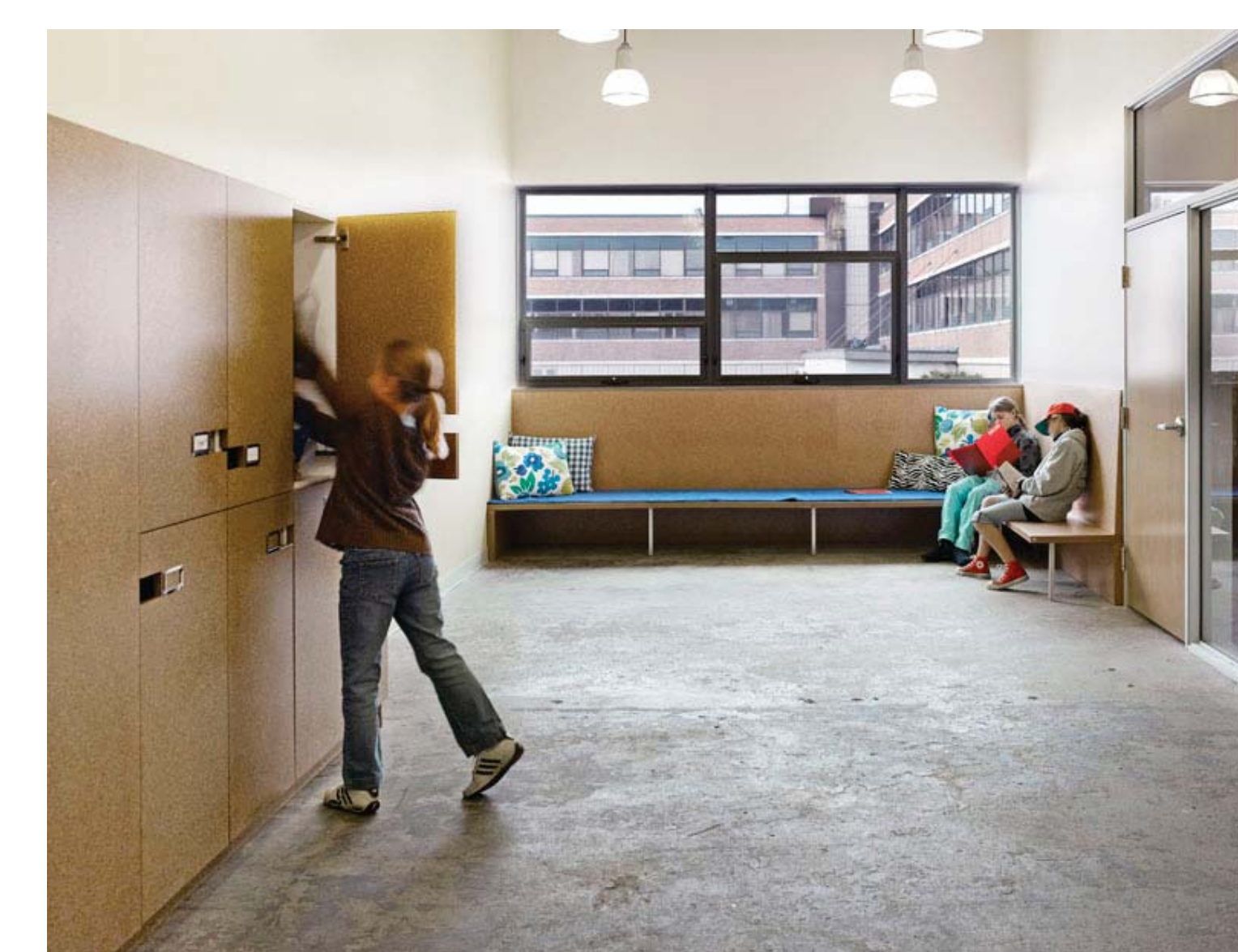
Galilee Catholic Learning Community

## Quiet Reflection Spaces



Innisfail Middle School

## Break Out Spaces



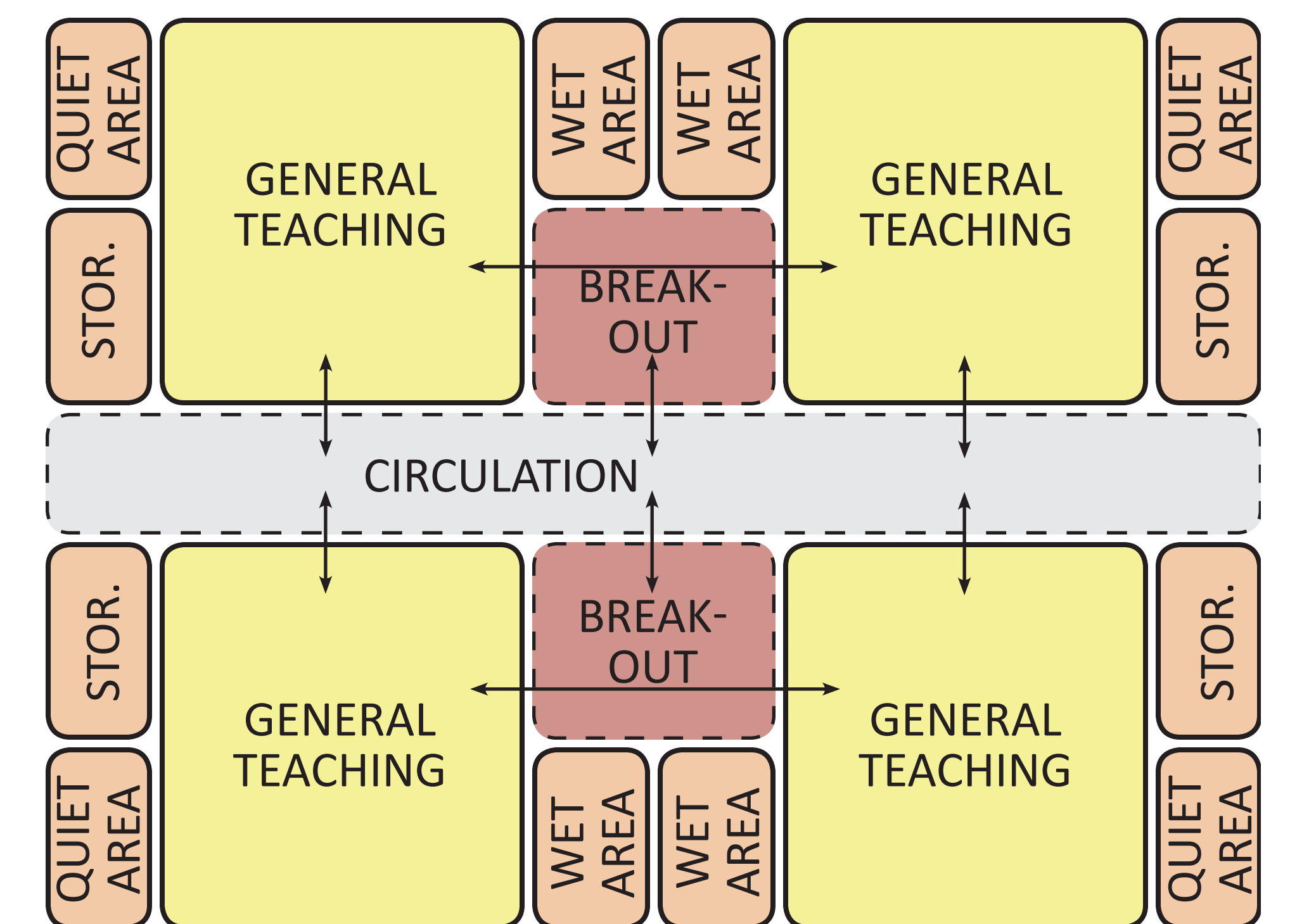
Atrium School



Galilee Catholic Learning Community

## Breakout Space Options

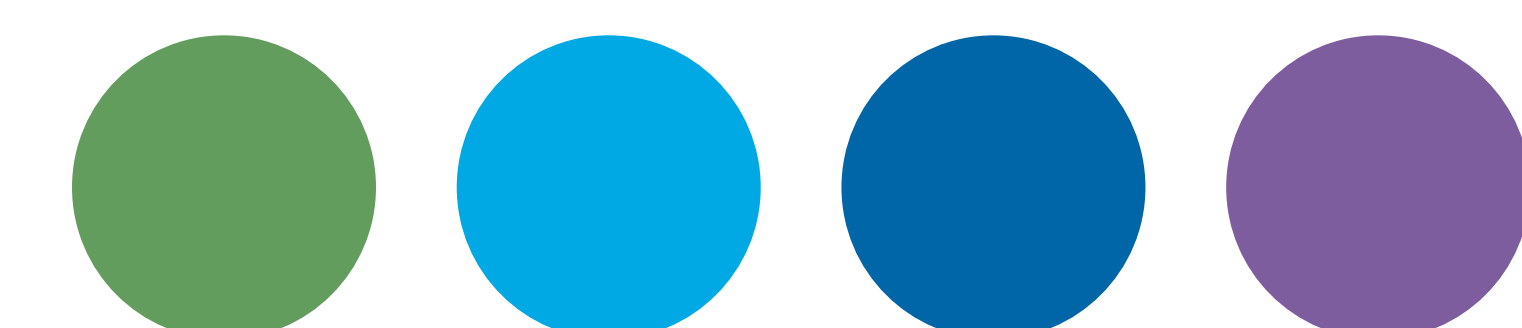
- Quiet "cave" spaces within classrooms for individual learning
- Smaller adjacent spaces for group projects
- Shared between classrooms in a separate room
- Individual rooms or alcove spaces along corridors



## Break Out Space Example



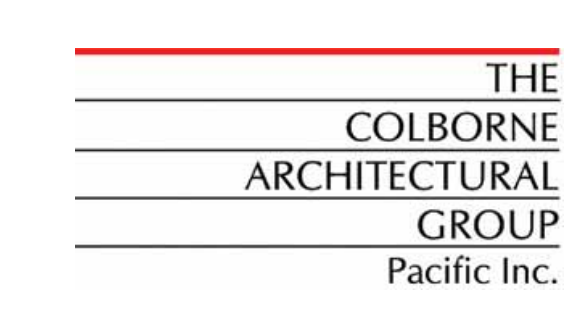
Charles Dickens Elementary School



Neighbourhood Centres of Learning & Development (NCLD) Project  
Public Open House



Ministry of Education



# Proposed NCLD Partner Agencies

The Ministry of Education will provide additional space as part of the capital project to accommodate basic services provided by any provincial and local agencies as part of the future NCLD. Provincial and local agencies are expected to provide operational funding to support the

services delivered as part of the NCLD, and these agencies/partners are also encouraged to contribute capital funding, where possible, to provide enhanced facilities delivering community services.

Agency Contacted	Agency Session	Vision Session Participant	Existing Partner	Expressed Interest
Art Starts	x			
Arts Umbrella	x			
Association of Neighbourhood Houses	x			
B.C. Ministry of Children and Family Development	x			
City of Vancouver	x	x		
Immigration Services Society of BC				x
Langara College	x			
Literacy Now (2010 Legacies)	x			
Ministry of Education - Strong Start BC, Early Learning	x			
Ministry of Healthy Living & Sport	x			
MoreSports	x			
MOSAIC		x		x
Provincial Health Services Authority				
Quadra Daycare		x	x	
SFU	x			
St. James Community Square				
St. James Daycare				
Trimble After School Care			x	
UBC Learning Exchange	x			
Vancouver Aboriginal Child and Family Services Society	x			
Vancouver Aboriginal Friendship Centre				
Vancouver Board of Parks & Recreation	x	x		x
Vancouver Coastal Health	x	x		x
Vancouver Community College - Regional Literacy	x			
Vancouver Francophone Cultural Centre				
Vancouver Learning City	x			
Vancouver Native Health Society				
Vancouver Police Department	x			
Vancouver Public Library	x	x		
West Coast Child Care Resource Centre	x			x
West Side Family Place				x
Young Naturalists Club of B.C.	x			

**EXISTING PARTNERS:** Agencies that provide services or programs that are important to the school and community and will be integrated into the NCLD & 21st Century Learning and School Design process.

**EXPRESSED INTEREST:** Agencies who have been contacted throughout this process and have expressed an interest in providing expanded programming and services at the school. These partners will be consulted as the NCLD & 21st Century Learning and School Design process continues. An overview of their programs and services follows.

**CHILDCARE:** Quadra Daycare and Trimble After School Care will remain on site. The enhanced multi-purpose room would permit out of school care, licensed capacity of 60 spaces.

**COMMUNITY SERVICES:** The Vancouver Parks Boards has indicated it is interested in providing expanded community programs (e.g., fitness classes).

**FAMILY SUPPORT:** The West Coast Childcare Resource Centre provides training to support care providers and parents; they also run a very popular Toy Lending Program - these programs are drop-in. West Side Family Place provides parent education and support programs - programs occur in the morning and include child mind-ing services. These programs could be located in the Early Learning NCLD space.

**LEARNING CONNECTIONS:** UBC is a close neighbour to the school and is exploring the opportunity for providing additional sustainability programs at the school. Programming would occur in a learning connections classroom.

**HEALTH CONNECTIONS:** Vancouver Coastal Health is exploring opportunities to provide greater health services, including immunization, hearing and vision screening.

**SETTLEMENT SERVICES:** Organizations such as MOSAIC and Immigrant and Settlement Services of BC provide programs to the community that could include Homework Clubs, Art Programs and other programming for youth. The nature of their services at the school would be defined through the need as identified by the community. Programming would occur in a learning connections classroom.



# Proposed NCLD Program Enhancements

Based on the input provided during the Visioning process a proposed NCLD school program and space allocation has been developed that takes into consideration:

- School pedagogy and values;
- 21st Century School Design Principles;
- District programs and learning enrichment school functions;
- Proposed NCLD partners' space needs; and
- The Ministry's Area Standards.

## Learning Connections

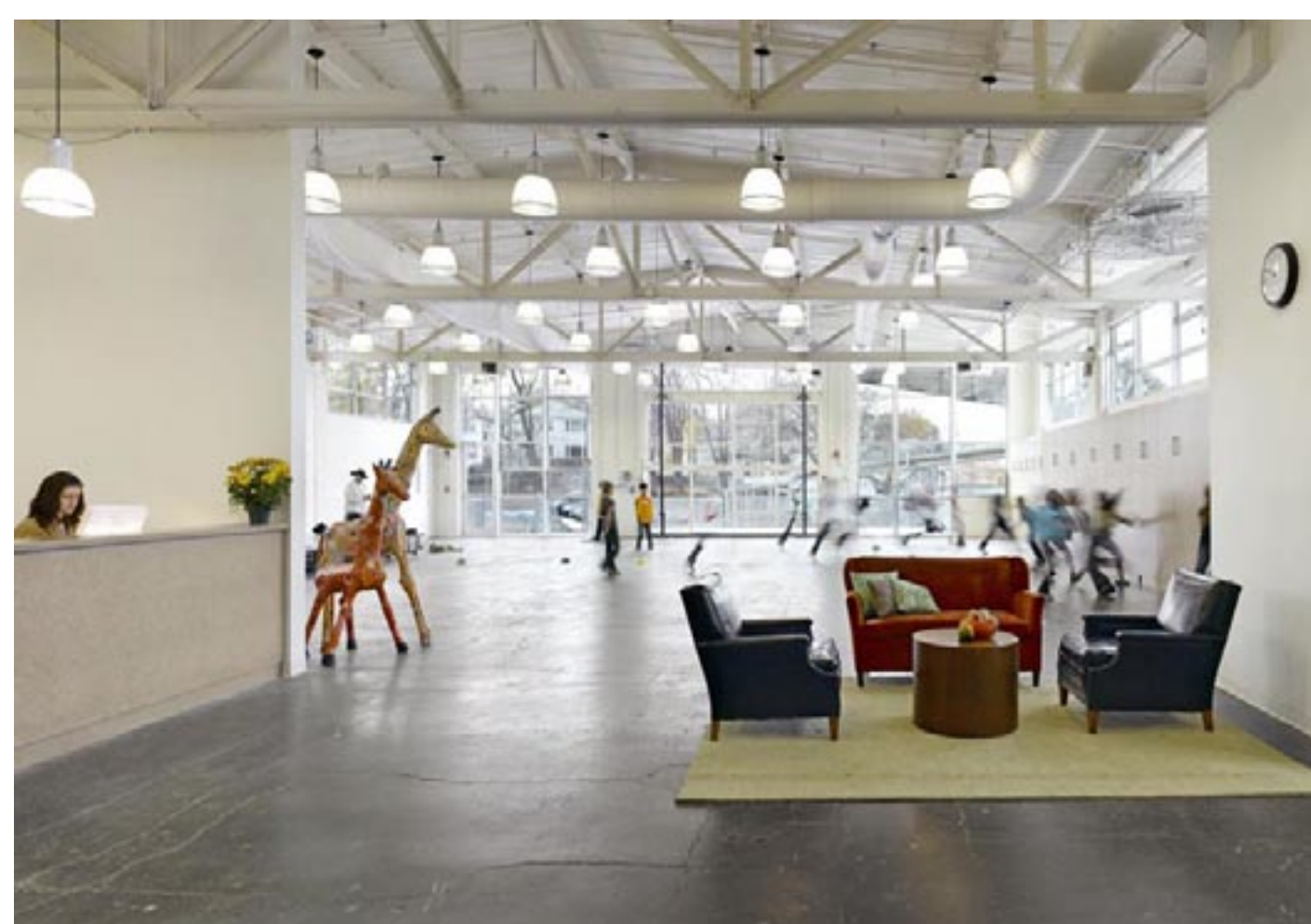
Additional space (80m<sup>2</sup>) to support current and future community partnerships and programs such as community literacy, post secondary student exchange programs, community services, parent's education and resources; may be used to enhance the multi-purpose room or created as a separate space. This 80 m<sup>2</sup> space could be available to the community after school hours.

## Performance

Additional flexible performance space (60 m<sup>2</sup>) could supplement the gym or multi-purpose room. The school and community would use the performance space to support local arts and culture activities such as concerts, dances, theatre, and visual art showings. This space could be available to the community after school hours.

## Storage/Mechanical Design Space

Additional building circulation, storage, mechanical and other design space (133 m<sup>2</sup>) related to the NCLD components noted above.



## Music

District Strings Music Program has 60 – 70 students. A dedicated music classroom (100 m<sup>2</sup>) to ensure adequate storage, sound acoustics, and practice area. The music room can help support local arts and culture activities as it could be made available for community groups like Arts Umbrella as well as rented as rehearsal space by local choirs and bands.

## Art

Top-up to a general instruction classroom with additional space (20 m<sup>2</sup>) for equipment, messy areas, storage, and sink. The Artists in Communities Program and local artists could partner with the school to teach specific programs and participate in special events, celebrations and festivals at school and in the neighbourhood.

## Computer Space

Top-up space (40 m<sup>2</sup>) to integrate technology within the library or other learning spaces. The space could be shared with NCLD partners to support community literacy activities, parent and community resources, and adult education programs.

## Enhanced Library

Top-up space to accommodate small group literacy learning areas (40 m<sup>2</sup>). The space could be shared with NCLD partners to support community literacy activities and adult education programs.

## Flexible Gathering

Additional flexible gathering space (30 m<sup>2</sup>) can be used to extend the multi-purpose room, link areas of circulation, segregate small group work areas, support special needs learning, collaborative teaching and learning opportunities, as well as create informal social or meeting spaces for both the school and community.

## Health Connections

Top-up space (20m<sup>2</sup>) is proposed to the Administration/ Health area to support Ministry of Health initiatives. When this space is not being used by health providers, the school could use this space for counselling or other school health support services.



## School Capacity

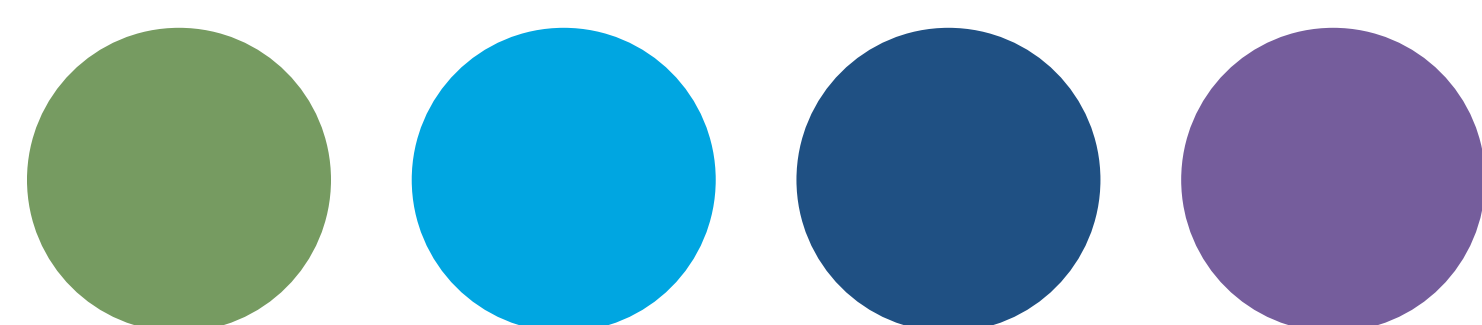
40 Full-day Kindergarten (2 classrooms)  
350 Grade 1 – 7 (14 classrooms)  
Early Learning (2 classrooms)

The core school program would total approximately **3,220 m<sup>2</sup>**

The proposed NCLD space allocations would total **663 m<sup>2</sup>**. With additional required Design and Mechanical spaces, the proposed new school would be approximately **3,883 m<sup>2</sup>**

## Multi-Purpose Space with Kitchen

Top up space to the multi-purpose room could be used for a variety of functions such as school lunch room, indoor activity area for rainy days and large group projects (140 m<sup>2</sup>). A kitchen area is incorporated to support student cooking and nutrition programs. Out of School care programs would require access to approximately 240 m<sup>2</sup> of multi-purpose space to ensure licensing for 60 spaces. The multi-purpose space could be made available to the community after school hours. The space could host a variety of activities such as summer camps, inter-generational activities, sustainability programs, community nutrition programs, as well as a variety of sport and recreation activities.



# Space Analysis - Area Comparison

The NCLD Project defines space enhancements that would serve the needs of the school and broader community. The following graphic illustrates relative areas between the existing school, the Ministry Area Standards for a school capacity of 350, and the proposed NCLD area enhancements.

**SPACE DIAGRAM  
PROGRAM AREAS FOR QUEEN MARY**

