

## Maddaugh Road Elementary school FAQ

*Maddaugh Road Elementary is a 605-capacity elementary school based on a repeat design of Mar Jok Elementary in Kelowna. It is one of three new elementary schools in Surrey with the same design, the other two being Douglas Elementary and the Edgewood Drive area elementary school.*

**Updated September 20, 2019**

*Design*

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### **Are there savings involved in using a repeat design?**

There are four main reasons to repeat a design:

- **Functionality:** The SD36 Senior Education Team has reviewed the Mar Jok school that the repeat is based on, like how it operates, and that it supports current and future education delivery.
- **Time savings:** A repeat design can produce tender-ready drawings faster and therefore can be delivered a few months quicker than a one-of-a-kind school.
- **It's a known quantity:** Repeat designs give the opportunity for SD36 staff to walk through the original school and discuss potential improvements.

Repeat designs still require time for site-specific adjustments and construction review, among other considerations. For mechanical, a slight change in orientation of the building means that all the mechanical design calculations need to be redone. Likewise, structural design depends on site-specific soil conditions and requires unique calculations.

### **Are there any special sustainable design principles in this building?**

Yes, Maddaugh Road Elementary will have the following sustainable design features, just to name a few:

- LED lighting throughout
- Displacement ventilation and high efficiency condensing boilers
- Storm detention to retain storm water on the site and mitigate flows into the city storm water system

The building is also oriented to take advantage of natural daylight and views for occupant comfort.

### **The design of the school looks expensive. Will this cost more than a “regular” school?**

All schools must meet the Ministry of Education Area Standards and Unit Rates. Two schools can cost the same but look very different. SD36 aims to build beautiful, inspiring, cost-effective schools.

**Does the layout of the classrooms provide a conducive learning environment for students?**

The SD36 Design & Construction department works extensively with education staff to ensure the schools meet the requirements of the new curriculum and have flexibility to address both current and future modes of teaching and learning.

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*Construction*

**Why was construction of Maddaugh Road Elementary delayed?**

The city and SD36 undertook a land swap and a bit of a redesign (reorientation of the building) to locate the new school on 76<sup>th</sup> Avenue rather than 78<sup>th</sup> Avenue as recommended by the community at the first consultation.

There are no services in the area. SD36 worked closely with the City of Surrey on required services, determining where they connect to and if there is capacity. The school itself takes 14 to 18 months to build, subject to weather, potential material shortages, labour shortages, the contractor's level of organization and other possible schedule impacts.

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*Offerings*

**Will Maddaugh Road Elementary offer Choice Programs?**

The school will not offer any Choice Programs when it first opens. SD36 may consider Choice Programs at a future date. There are no current plans for Choice Programs at this school.

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*Environmental*

**Is there a conscious effort to save as many trees on site as possible?**

There is always an effort to save trees. Unfortunately, there are not very many significant trees that can be saved on this site.

**Will any wildlife habitat be disrupted, and if so, what measures are SD36 taking to address this?**

There is a wildlife corridor along the creek on the adjacent site to the east. We do not anticipate that the proposed location of the school building and/or playfields will have a significant impact on this wildlife corridor. The City of Surrey has also established a wildlife corridor that will straddle between the school and the park site to the north.

### **What is the gardening plan for Maddaugh Road Elementary?**

SD36 keeps landscaping on school sites simple, drought-resistant and easy to maintain. If the school intends to establish a gardening program, the district recommends “self-watering” planters that are easy to access and weed.

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*Transportation*

### **What will walking access to Maddaugh Road Elementary look like?**

Similar to other schools in rural areas of Surrey, there will be some asphalt paths leading to the school.

### **What will driving and parking at Maddaugh Road Elementary look like?**

SD36 will undertake construction of sidewalks and road upgrades in front of the school as per the Servicing Agreement with the City of Surrey. The district worked with ICBC and the City of Surrey to look at options around access to and from the school (both vehicular and pedestrian) as well as traffic movements in the area.

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*Capacity*

### **Instead of allocating space for future use of portables, why not build a bigger school?**

Portables allow the district flexibility to accommodate enrolment growth that eventually levels off or disappears after another new school opens, as the neighbourhood matures, or a program is moved. To “over-build” beyond a sustained student population is not good use of taxpayer funds.

Historically, as neighbourhoods mature, the enrolment drops and portables can be relocated to another site(s) to address a short-term spike in enrolment, or be used for temporary accommodation.

### **What is the catchment area for Maddaugh Road Elementary?**

The catchment area of Maddaugh Road Elementary will be reviewed and determined through a public consultation process, similar to the process the district embarked on when opening Katzie Elementary.

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*The Future*

### **What other new elementary and secondary schools is SD36 planning on building in Clayton Heights?**

Currently, Regent Road Elementary is tender ready, awaiting approval of site servicing on final budget. The school will have capacity for 525 Grade 1-7 students and 80 Kindergarteners, with a neighbourhood learning centre. The district has three other sites in Clayton Heights/Port Kells set aside for future schools.

**What measures are SD36 taking to ensure the district can keep up with the ongoing population growth in Surrey?**

In response to rapid growth, the Ministry of Education, Partnerships BC and SD36 have established a “Surrey Capital Project Office” dedicated to design and construction of new space (new schools and additions) as well as seismic upgrades.

**Is there potential to build an addition to École Salish Secondary to handle the influx of students from overcrowded elementary schools?**

Yes, École Salish Secondary can accommodate a future addition of 8 to 12 classrooms, depending on the layout.