


**Dubai Municipality**  
**Health and Safety Department**  
**Environmental Health Section**

**Technical Guidelines for Physical Barriers Separating Students in  
Educational Facilities**

**HSD-GU104-PBEF2**

 GOVERNMENT OF DUBAI	<b>Organization Unit:</b> Health & Safety Department		الوحدة التنظيمية:
	<b>Document title:</b>	Technical Guidelines for Barriers Separating Students in Educational Facilities	عنوان الوثيقة:
	<b>Doc Ref.</b>	HSD-GU104-PBEF2	رقم الوثيقة:

## Introduction

In line with Dubai Municipality role in ensuring public health and safety in emirate of Dubai and in order to reduce the spread of Coronavirus disease (COVID-19) in educational facilities, the presence of physical barriers between students is important in achieving the principle of social distancing in classrooms. It considered one of precautionary measures to protect students' safety in case of coughing or sneezing within the classroom.



## Purpose:



Achieving the strategic objective of ensuring public health and safety in the emirate in general and educational facilities particularly.

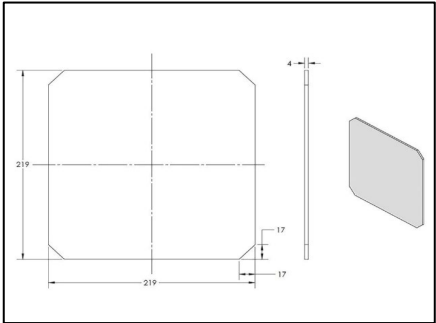

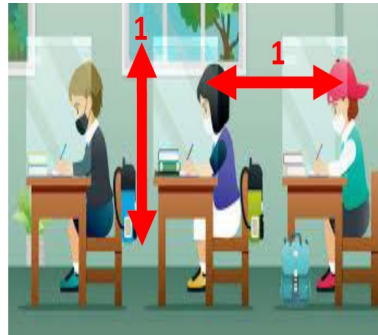
## Scope of implementation:


All educational facilities in the Emirate of Dubai

## The requirements of physical barriers between students in schools

	Requirements	Examples
<b>Material Specifications</b>	<ul style="list-style-type: none"> <li>• Transparent</li> <li>• Impermeable</li> <li>• Unbreakable</li> <li>• Without sharp edges</li> <li>• Smooth texture</li> <li>• Relatively low density</li> <li>• Easy to clean</li> <li>• Chemically inert substance</li> </ul>	
<b>Material Type</b>	<ul style="list-style-type: none"> <li>• Plastic, like (polycarbonate &amp; Acrylic)</li> <li>• Glass like (Plexiglass)</li> </ul>	

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<b>Dimensions</b>	<ul style="list-style-type: none"> <li>In the illustrated figure, the physical barrier's dimension is 219 inches (width &amp; height)</li> <li>The breathing area can be estimated by imagining a bubble with a radius of 30 cm (12 inches) extended from the middle point between student's ears. Barrier's dimensions must exceed the breathing area by a wide margin, taking into account the tallest student in the class.</li> <li>Thickness: 1 mm to 6 mm</li> </ul>	
<b>Installation requirements:</b>	<ul style="list-style-type: none"> <li>Installed safely and fixed well</li> <li>Can be removed &amp; replaced easily</li> <li>In a suitable place, that does not obstruct movement.</li> </ul>	
<b>How to use</b>	<p><b><u>Individual seating areas, such as (classroom) or group seating areas, such as (a laboratory):</u></b></p> <ul style="list-style-type: none"> <li>Separation of two seats at least 1.5 meter between students.</li> <li>Be at a height of 1 meter from the surface of the seating place.</li> <li>Complete separation between students.</li> </ul>	

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#### References:

<https://ncceh.ca/content/blog/physical-barriers-covid-19-infection-prevention-and-control-commercial-settings>

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