

 ICM INSAN CENDEKIA MADANI	Friction	Name :	
		Class :	
		Teacher :	
		Date :	
☐ Pre-assessment ☒ Individual guided practice ☒ Independent/ fluency practice ☐ Formative Assessment		Marks: 15	Score:

Answer all question based on what you have observed!

1. What is friction? (1 mark)

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2. What surface has the lowest friction? Explain your answer! (2 marks)

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3. What surface has the highest friction? Explain your answer! (2marks)

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4. Sort the surface from the lowest friction to the highest friction! (4marks)

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5. On the vinyl surface, why the push until red button has farther travel than when it pushed until yellow button? (1 mark)

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6. On the wooden surface, how far does the sleigh travel with a little or a big push? (1mark)

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7. On the carpet surface, how far does the sleigh travel with a little or a big push? (1mark)

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8. On the ice surface, how far does the sleigh travel with a little or a big push? (1mark)

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9. Why do you think, with the same push, the sleigh travels different distances on different surfaces? (1mark)

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10. What surface and what push must you use to get the sleigh to travel past the last flag and off the screen? (1mark)

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