**Unit 2B and 2C Learning Objectives**

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| ***L.O*** | ***Page #:*** | ***What am I learning?*** | ***How will I show that I learned it?*** |
| 2B.1 | 1-4 | **How to…** use two-column proofs. | **I can…**Use properties, theorems, and mathematical definitions to help complete “statements” and “reasons” in a proof. |
| 2B.2 | 5-7 | **How to…** identify congruent triangles. | **I can…**Use congruency statements and marks to match corresponding sides and angles in congruent triangles |
| 2B.3 | 8-10 | **How to…** prove congruent triangles. | **I can…**Prove two figures are congruent by congruent marks, given statements, and using SSS, SAS, ASA, AAS, or HL. |
| 2B.4 | 11-12 | **How to…** use CPCTC. | **I can…**Prove two triangles are congruent to then be able to prove their corresponding parts are congruent |
| 2C.1 | 13-14 | **How to…** use the triangle proportionality theorem. | **I can…**Use parallel lines in a triangle or 3 parallel lines cut with a transversal to create proportional sides |
| 2C.2 | 15-17 | **How to…** dilate a figure using a scale factor and center of dilation. | **I can…**Use a scale factor and a center of dilation by multiplying the pre-image to create similar figures. |
| 2C.3 | 18-20 | **How to…** explain two figures are similar. | **I can…**Prove similar figures have congruent angles and proportional sides |
| 2C.4 | 21-22 | **How to…** prove two triangles are similar. | **I can…**Prove two figures are similar by using AA Similarity, SAS Similarity, and SSS Similarity. |

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