

```
(venv) C:\Users\omar5\Desktop\ENDG 233\Portfolio Assignment\3>py school_data.py
ENDG 233 School Enrollment Statistics
```

```
Array data for 2020 - 2021:
```

```
[[1224.  455.  436.  437.]
[1679.  360.  352.  437.]
[9626.   12.   21.   34.]
[9806.  137.  143.  142.]
[9813.  378.  361.  438.]
[9815.  565.  555.  629.]
[9816.  690.  727.  734.]
[9823.  543.  401.  459.]
[9825.  290.  234.  315.]
[9826.  491.  662.  680.]
[9829.  420.  465.  434.]
[9830.   34.   59.   64.]
[9836.  532.  449.  431.]
[9847.  402.  382.  364.]
[9850.  482.  251.  293.]
[9856.  128.  102.  144.]
[9857.  739.  746.  709.]
[9858.  540.  463.  503.]
[9860.  452.  482.  475.]
[9865.  537.  533.  559.]]
```

```
Array data for 2019 - 2020:
```

```
[[1224.  463.  481.  556.]
[1679.  355.  430.  455.]
[9626.   13.   23.   52.]
[9806.  146.  146.  127.]
[9813.  383.  397.  441.]
[9815.  556.  615.  530.]
[9816.  723.  724.  798.]
[9823.  391.  391.  409.]
[9825.  251.  234.  322.]
[9826.  674.  692.  629.]
[9829.  476.  447.  507.]]
```

```
[9830.  61.   56.   69.]
[9836. 458.  434.  424.]
[9847. 391.  381.  254.]
[9850. 241.  245.  299.]
[9856. 102.   77.  146.]
[9857. 749.  677.  744.]
[9858. 488.  514.  503.]
[9860. 474.  449.  531.]
[9865. 535.  528.  553.]]
```

Array data for 2018 - 2019:

```
[[1224. 485.  540.  582.]
[1679. 398.  423.  391.]
[9626.  23.   25.   58.]
[9806. 150.   83.  120.]
[9813. 395.  402.  527.]
[9815. 568.  426.  510.]
[9816. 716.  688.  651.]
[9823. 387.  388.  419.]
[9825. 242.  204.  254.]
[9826. 685.  576.  535.]
[9829. 437.  473.  428.]
[9830.  38.   45.   57.]
[9836. 417.  391.  398.]
[9847. 386.  238.  249.]
[9850. 229.  250.  495.]
[9856.  81.  112.  135.]
[9857. 703.  705.  744.]
[9858. 533.  496.  580.]
[9860. 443.  438.  460.]
[9865. 551.  456.  473.]]
```

Please enter the high school name or school code: My Invalid School

You must enter a valid school name or code

Please enter the high school name or school code: Centennial High School

### \*\*\*Requested School Statistics\*\*\*

School Name: Centennial High School, School Code: 1224

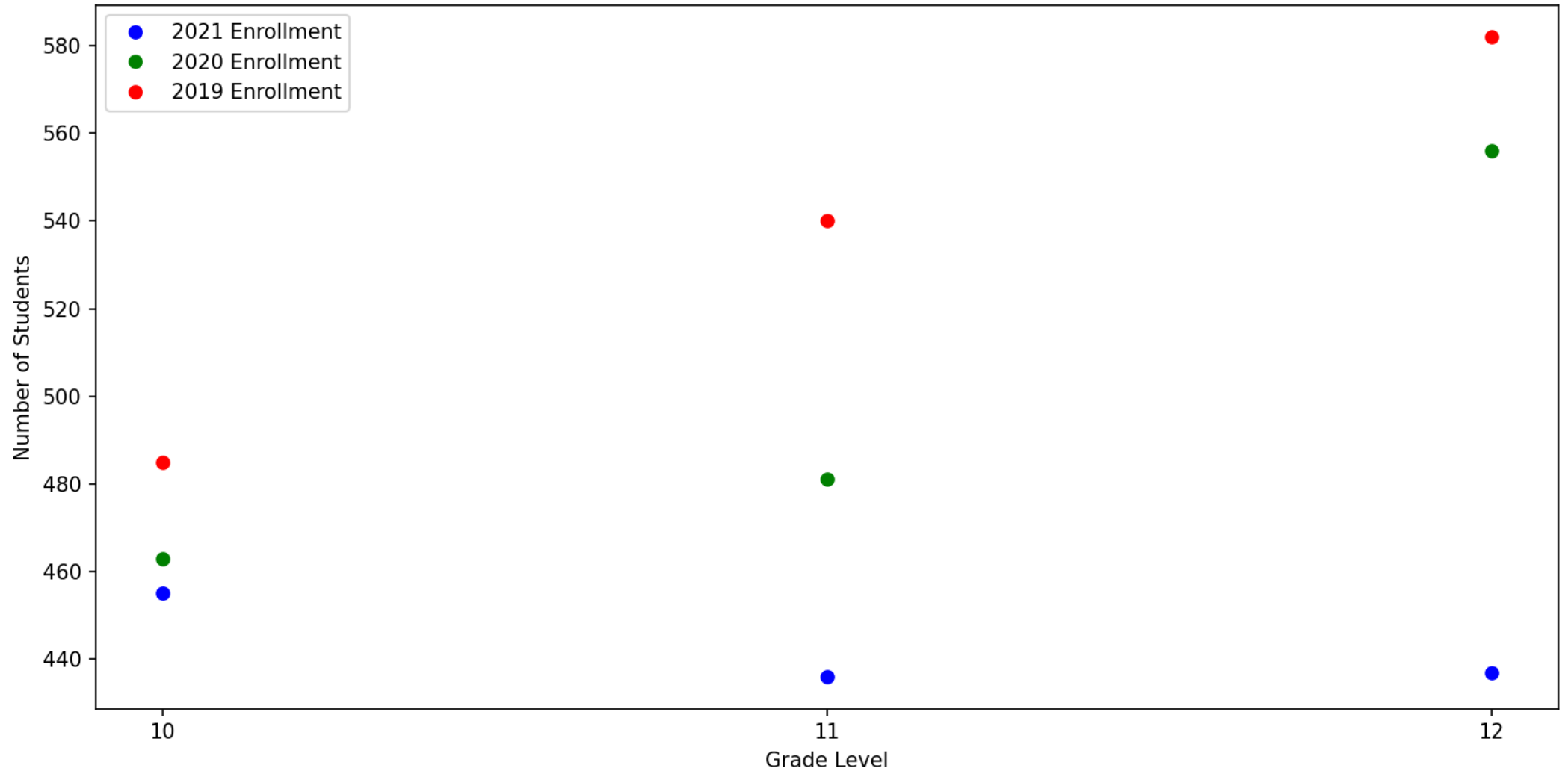
Mean enrollment for Grade 10: 467

Mean enrollment for Grade 11: 485

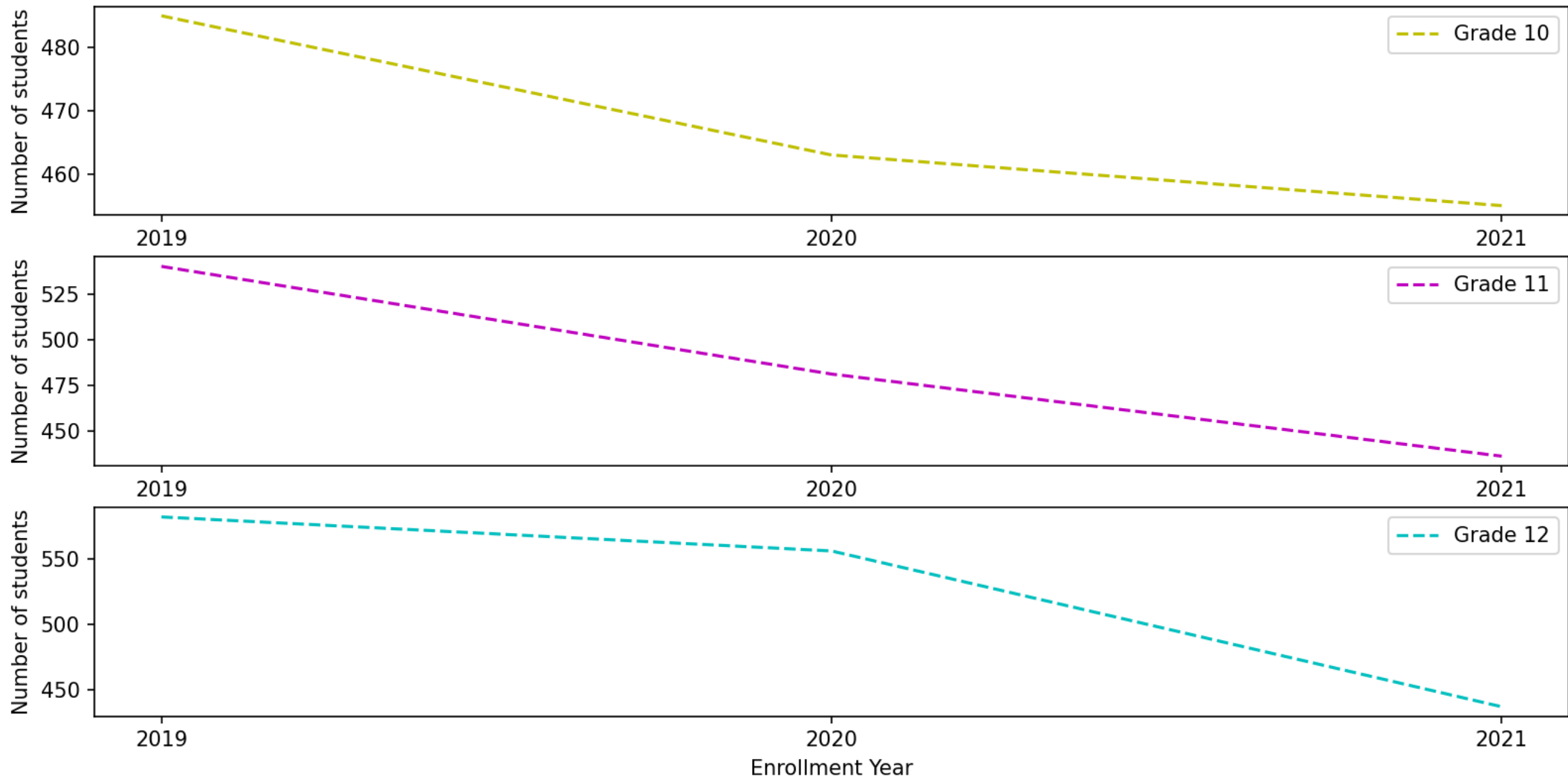
Mean enrollment for Grade 12: 525

Total number of students who graduated in the past three years: 1575

Grade Enrollment by Year



Enrollment by Grade



```
(venv) C:\Users\omars\Desktop\ENDG 233\Portfolio Assignment\3>py school_data.py  
ENDG 233 School Enrollment Statistics
```

```
Array data for 2020 - 2021:
```

```
[[1224.  455.  436.  437.]  
[1679.  360.  352.  437.]  
[9626.   12.   21.   34.]  
[9806.  137.  143.  142.]  
[9813.  378.  361.  438.]  
[9815.  565.  555.  629.]  
[9816.  690.  727.  734.]  
[9823.  543.  401.  459.]  
[9825.  290.  234.  315.]  
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[9829.  420.  465.  434.]  
[9830.   34.   59.   64.]  
[9836.  532.  449.  431.]  
[9847.  402.  382.  364.]  
[9850.  482.  251.  293.]  
[9856.  128.  102.  144.]  
[9857.  739.  746.  709.]  
[9858.  540.  463.  503.]  
[9860.  452.  482.  475.]  
[9865.  537.  533.  559.]]
```

Array data for 2019 - 2020:

[	[	1224.	463.	481.	556.]
[	1679.	355.	430.	455.]	
[	9626.	13.	23.	52.]	
[	9806.	146.	146.	127.]	
[	9813.	383.	397.	441.]	
[	9815.	556.	615.	530.]	
[	9816.	723.	724.	798.]	
[	9823.	391.	391.	409.]	
[	9825.	251.	234.	322.]	
[	9826.	674.	692.	629.]	
[	9829.	476.	447.	507.]	
[	9830.	61.	56.	69.]	
[	9836.	458.	434.	424.]	
[	9847.	391.	381.	254.]	
[	9850.	241.	245.	299.]	
[	9856.	102.	77.	146.]	
[	9857.	749.	677.	744.]	
[	9858.	488.	514.	503.]	
[	9860.	474.	449.	531.]	
[	9865.	535.	528.	553.]]	

Array data for 2018 - 2019:

[1224.	485.	540.	582.]
[1679.	398.	423.	391.]
[9626.	23.	25.	58.]
[9806.	150.	83.	120.]
[9813.	395.	402.	527.]
[9815.	568.	426.	510.]
[9816.	716.	688.	651.]
[9823.	387.	388.	419.]
[9825.	242.	204.	254.]
[9826.	685.	576.	535.]
[9829.	437.	473.	428.]
[9830.	38.	45.	57.]
[9836.	417.	391.	398.]
[9847.	386.	238.	249.]
[9850.	229.	250.	495.]
[9856.	81.	112.	135.]
[9857.	703.	705.	744.]
[9858.	533.	496.	580.]
[9860.	443.	438.	460.]
[9865.	551.	456.	473.]]

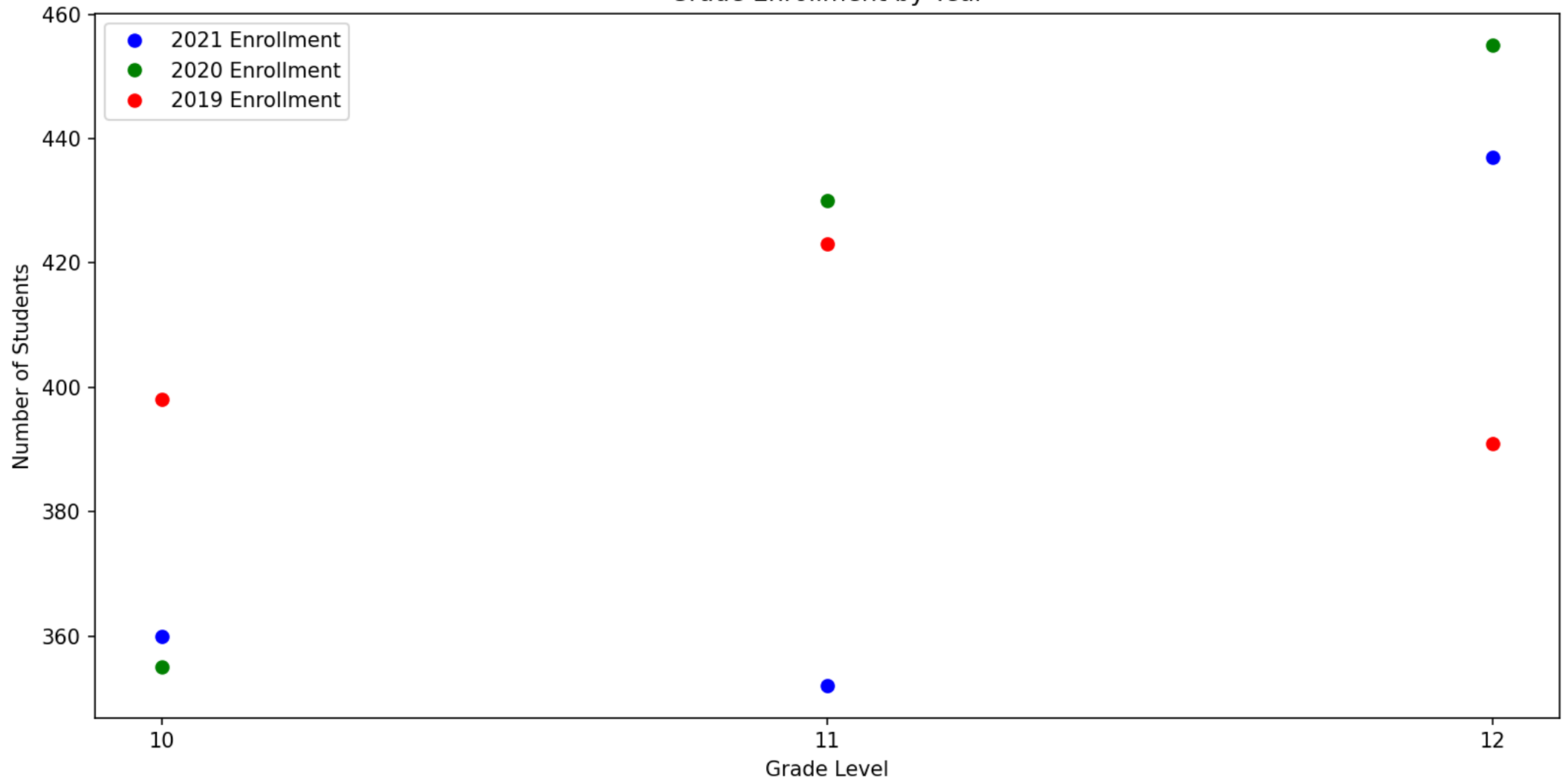


Please enter the high school name or school code: 0012  
You must enter a valid school name or code  
Please enter the high school name or school code: 1679

\*\*\*Requested School Statistics\*\*\*

School Name: Robert Thirsk School, School Code: 1679  
Mean enrollment for Grade 10: 371  
Mean enrollment for Grade 11: 401  
Mean enrollment for Grade 12: 427  
Total number of students who graduated in the past three years: 1281

Grade Enrollment by Year



Enrollment by Grade

