

Special Quadrilaterals Flowchart

Task:

We are going to use the online program Cliptomize to create a clipbook describing the relationships between each of the special types of quadrilaterals. We will create a flow chart including all of the special quadrilaterals we have learned about. Each of the shapes will be described using properties that will allow us to identify it in the most specific sense. For example, if you are describing a square, you need to include properties of both rhombuses and rectangles to avoid confusion. Each shape will also have a visual description. This means there will be pictures of each shape labeled and marked appropriately.

You will go to cliptomize.com and create an account using your DIS email. After you have your account, hover over your name and click “create clipbook”. You can start with a template or start with a completely blank book.

You can upload pictures from your computer. You can either create these pictures yourself or find them online, as long as they fit the requirements of the assignment.

This is a creative project, so have some fun and make it more than just a black and white book. As long as the content is clear and accurate, make it as beautiful as you’d like.

Expectations Checklist:

All special quadrilaterals are included: Parallelogram, Rectangle, Square, Rhombus, Kite, Trapezoid.

Shapes are labeled and have an accurate and specific description.

Shapes all have accurate pictures describing them.

Flow chart is easy to understand, font is easy to read, and pictures are all big enough to see clearly.

Clipbook has an individual and creative design.

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	Beginning (5 points)	Novice (10 points)	Proficient (15 points)	Publishable (20 points)
Flow Charts	Flow chart is missing several shapes, or has several inaccuracies.	Flow chart has a few inaccuracies, or is missing a shape.	Flow charts accurately describe the relationships between each of the special quadrilaterals.	More than one flow chart is used to accurately describe in detail the relationships of quadrilaterals discussed in class.
Shapes Visual Description	More than one shape is mislabelled or has inaccurate visual representations.	One shape is mislabelled or has an inaccurate visual representation.	Each of the shapes are labelled with an accurate visual representation of it.	Each shape has more than one visual representation accurately describing different properties of the shape.
Shapes Written Description	Several shapes are missing labels, or not accurately described, or not described with identifying properties.	Some shapes are missing labels, or not accurately described, or not described with identifying properties.	Each shape is labelled with a description of its identifying properties.	Each shape has multiple identifying properties described.
Organization	Clipbook lacks organization, and it is very difficult to follow the author's ideas.	Clipbook is somewhat organized, but it's challenging at times to follow the author's ideas.	Clipbook is organized enough so that the reader can follow the author's ideas.	Clipbook used several pages to describe each of the flow charts and the shapes in them.
Creativity	Lack of individual design, or the design makes the content hard to find or understand.	Clipbook has some individuality.	Clipbook uses an individual design.	Clipbook uses a unique design that makes the content stand out.