



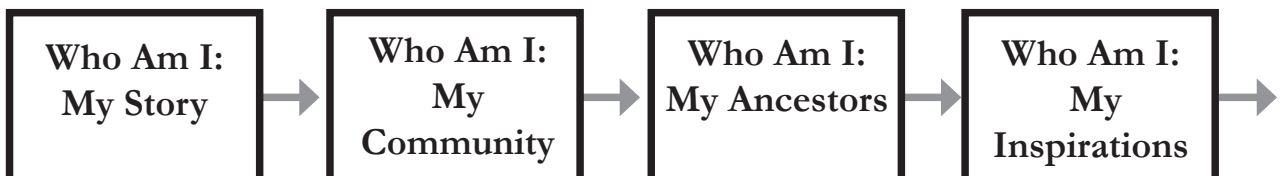
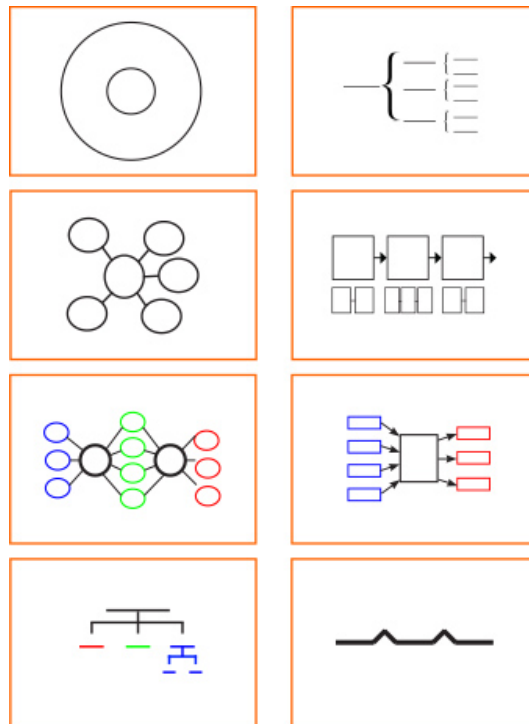
**THINKING MAPS®**

# Who Am I

**Who Are My Community**

**Who Are My Ancestors**

**Who Is My Inspiration**





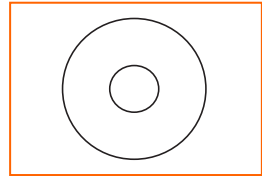
# THINKING MAPS<sup>®</sup>



How are you defining this thing or idea? What is the context? What is your frame of reference?

**DEFINING IN CONTEXT**

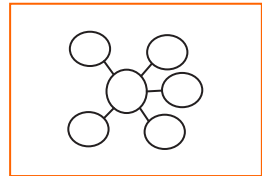
Circle Map



How are you describing this thing? Which adjectives would best describe this thing?

**DESCRIBING QUALITIES**

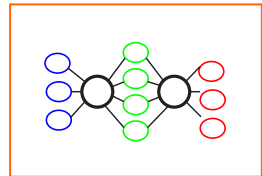
Bubble Map



What are the similar and different qualities of these things? Which qualities do you value most? Why?

**COMPARING & CONTRASTING**

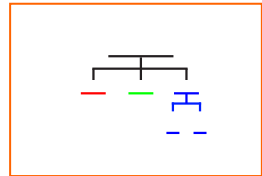
Double Bubble Map



What are the main ideas, supporting ideas and details in this information?

**CLASSIFYING**

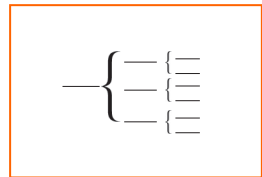
Tree Map



What are the component parts and subparts of this whole physical object?

**PART TO WHOLE**

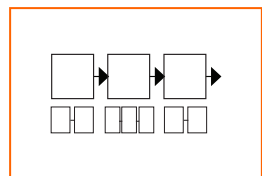
Brace Map



What happened? What is the sequence of events? What are the substages?

**SEQUENCING**

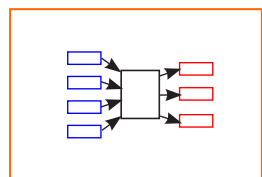
Flow Map



What are the causes and effects of this event? What might happen next?

**CAUSE AND EFFECT**

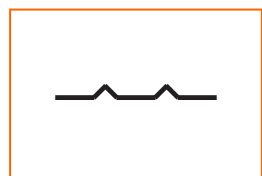
Multi-Flow Map



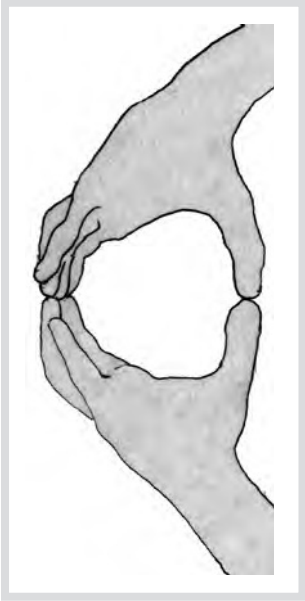
What is the analogy being used? What is the guiding metaphor?

**SEEING ANALOGIES**

Bridge Map



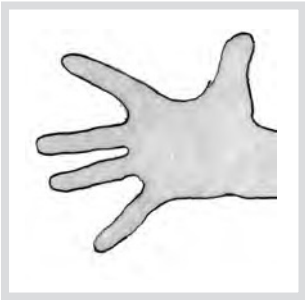
circle map



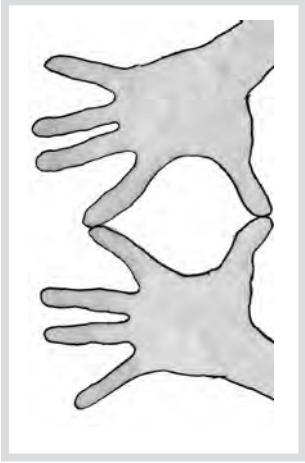
tree map



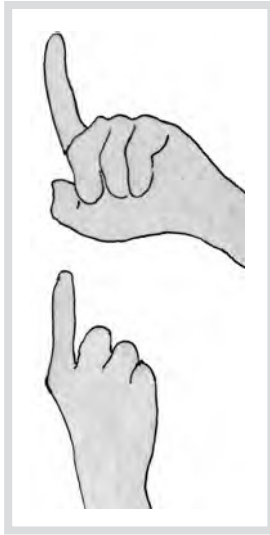
bubble map



double bubble map



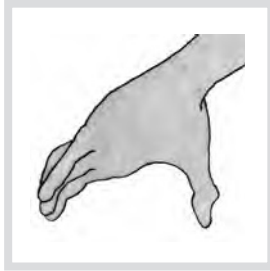
flow map



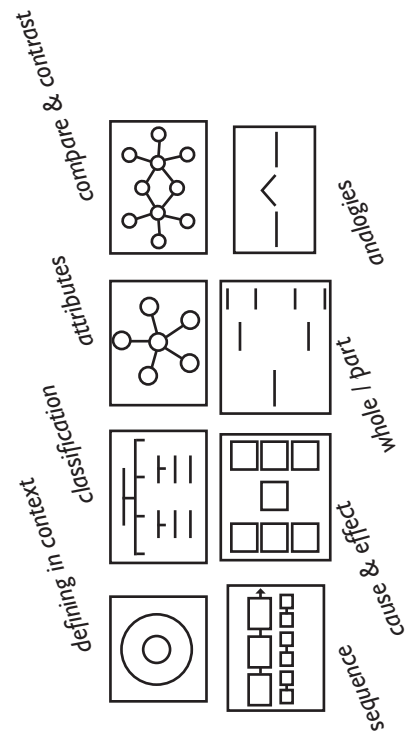
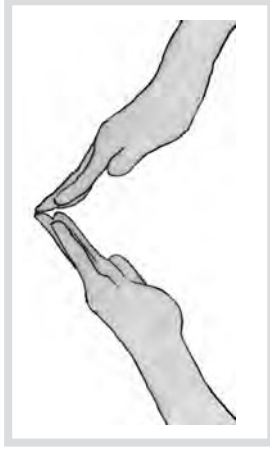
multi-flow map



brace map



bridge map  
relating factor \_\_\_\_\_



# Visual Mapping: Depth and Complexity

Here is a model that provides depth of thinking as a thinker, as a problem solver and with collaborations. The following process is effectively used as part of our thinking with reflective questioning, thinking skills, visual mapping, collaborative networking, developing dispositions and structuring a thinking environment. Depth and Complexity is very effectively used with the Frame of Reference.



## Note Details

Elaborate; identify attributes; note the parts; important factors



## Identify The Rules

State the explicit or implicit factors that affect an area of study; the structure; the order; the hierarchy; the elements that set the standards



## Observing Patterns

Identify reoccurring elements and events; determine the order of events; predict what comes next



## Recognizing Trends

Note factors that cause events to occur (social, political, economic, geographic); identify patterns of change over time



## Identify Ethical Considerations

Determine elements that reflect bias, prejudice, discrimination; state observations and arguments in terms of ethics



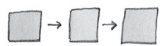
## Reflective Questions

Use questions to: identify unclear ideas or missing information; discuss areas yet to be explored or proven; note conclusions that need further evidence or support



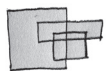
## What is the Generalization, Principle, Theory or Big Idea

Identify a rule or general statement that summarizes information or draws conclusion based on evidence drawn from a collection of facts or ideas



## Relationships Over Time

Describe relationships between past, present and future; relationships within a time period; how or why things changed or remained the same



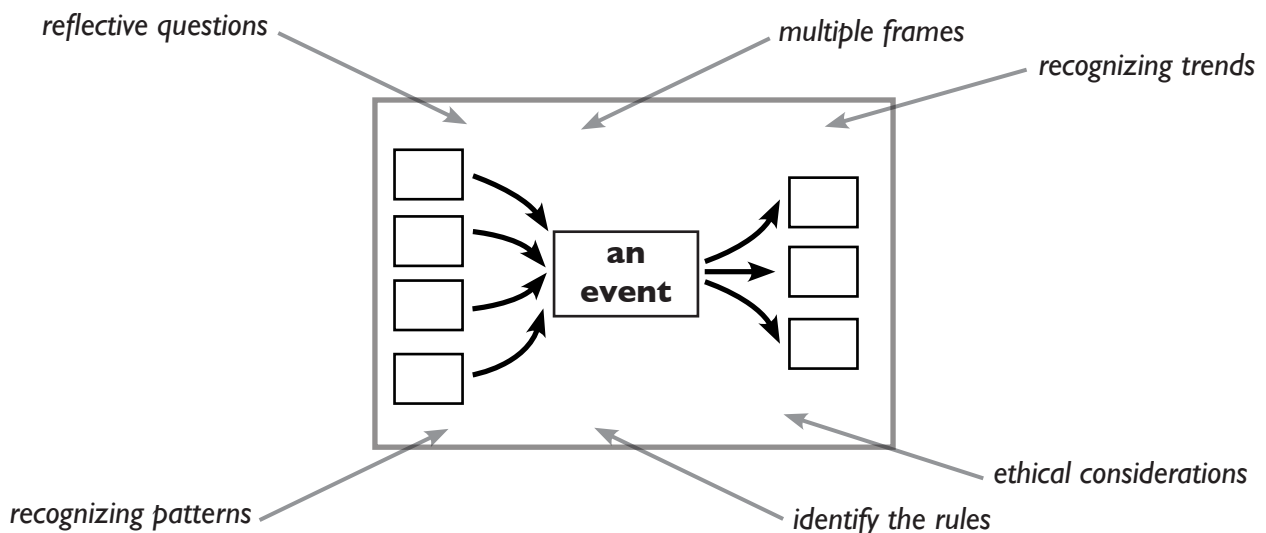
## Multiple Frames of Reference (Perspectives)

Discuss multiple perspectives related to area of study; explore different viewpoints; reflect on diversity within a society



## Interdisciplinary Connections

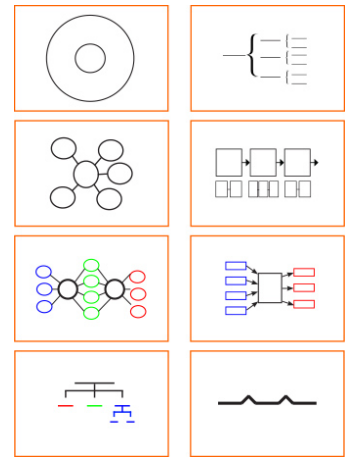
Relate and integrate the area of study to include the methodology of other disciplines



# Visual Mapping • Frame of Reference

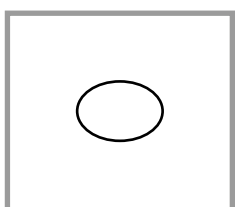
## Perspective, Point of View

The Frame of Reference

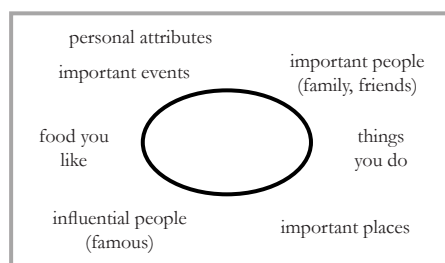


## Who Am I, My Story: Frame of Reference

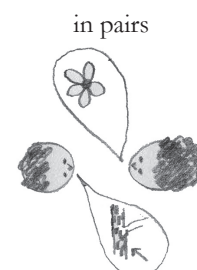
1 Use the space above and draw a circle and frame. This process can also be done in sand with a stick.



2 Write and/or draw things that describe things about your life. Your frame of reference including important people, events, places, attributes and things about you.



3 Students pair with another student to share their personal frames.



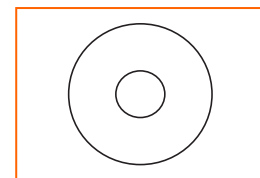
whole class



# Circle Map

## Defining in Context • Brainstorming

The Circle Map is used for brainstorming ideas and thoughts about a topic or a concept.



## Who Am I, My Story: All About Me - Circle Map

1 Write your name and draw a circle around your name.



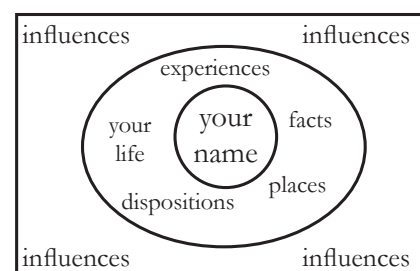
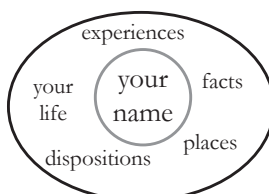
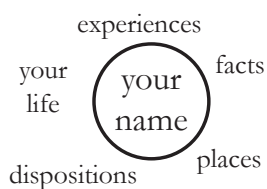
2 Write and/or draw things about yourself around the circle with your name.



3 Draw a circle around your information.



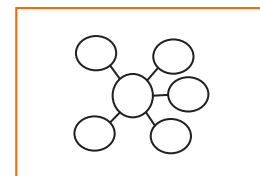
4 Draw a frame of reference around your map. Write influential people, places and events of your life in the frame.



# Bubble Map

## Describing

The Bubble Map is for describing using adjectives; Identifying the sensory, logical and emotional qualities of any topic or concept.

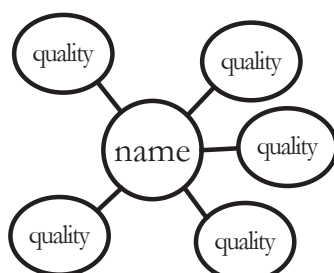


## Who Am I, My Story: My Qualities - Bubble Map

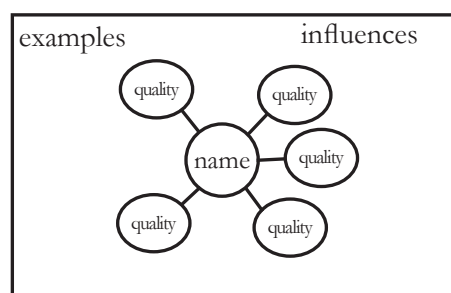
1 Write your name and draw a circle around your name.



2 Write and/or draw things that describe your qualities in bubbles around your name.



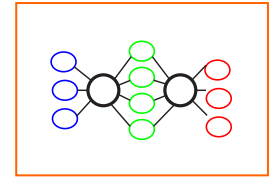
3 Add a frame of reference around your map. Write and/or draw examples of your qualities and influential people in the frame.



# Double Bubble Map

## Compare and Contrast

The Double Bubble Map is used for comparing and contrasting any two things.

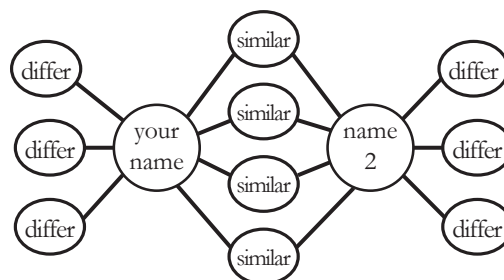


## Who Am I, My Story: Comparing - Double Bubble Map

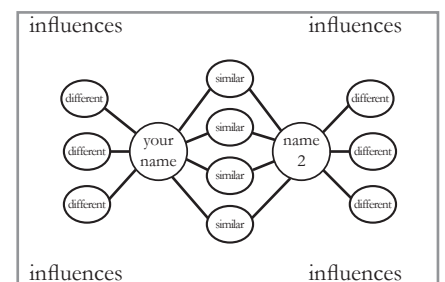
1 Pair with another student, then write your name and the other person's name with a circle around each of your names (or draw your faces with a circle around them).



2 Write and/or draw similarities in the middle, and identify how you differ with one another on the outside bubbles.



3 Draw a frame of reference around your map. Write influential people, places and events for each of you in the frame.

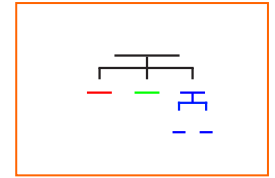




# Tree Map

## Classification

The Tree Map is for classifying or sorting things and ideas into categories or groups. Under each category (group) there is a list of details.



## Who Am I, My Story: Categorizing - Tree Map

1 Write My (your name) Favorite Things on the top line.

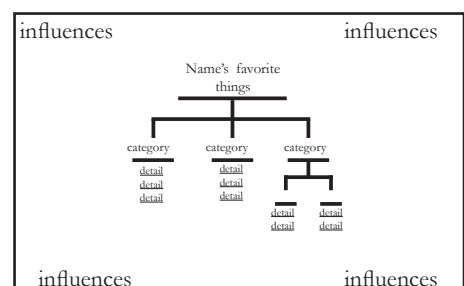
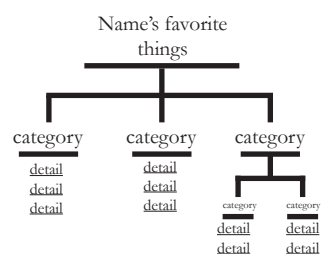


2 Think of 2, 3 or 4 categories to classify your favorite things. Write the name of these categories on the next lines. Under each category, list examples of each favorite thing within that group.



3 Draw a frame of reference around your map. Write influential people, places and events for you in the frame.

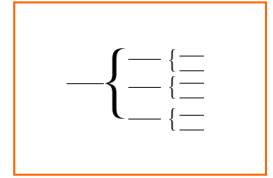
Name's favorite things



# Brace Map

## Whole Part Relationship

The Brace Map is for analyzing the component parts of physical objects; identifying the spatial relationship of parts to the whole or “structural analysis.”



## Who Am I, My Story: Whole/Part - Brace Map

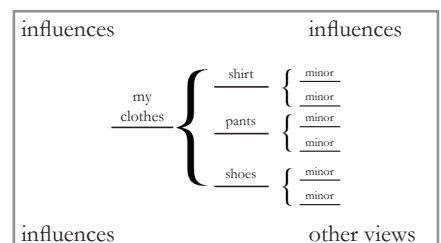
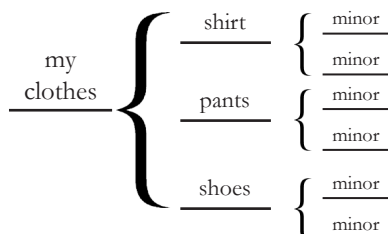
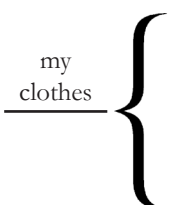
1 Write ‘my (your name) clothes’ on the line.



2 Write or draw pictures of the three major parts of ‘my clothes’. Then write minor parts for each major part.



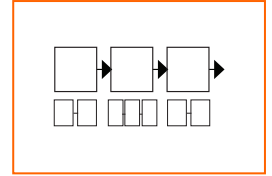
3 Draw a frame of reference around your map. Write or draw what is influencing your clothes choice and/or other peoples’s views in the frame.



# Flow Map

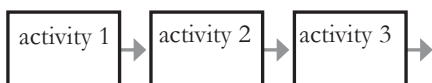
## Sequence

The Flow Map is for sequencing the stages and sub-stages of an event including identifying the steps in a process and ordering information.

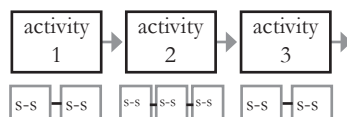


## Who Am I, My Story: Sequencing - Flow Map

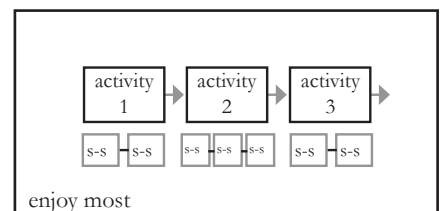
1 Write or draw pictures of each activity in your day. Write 3-6 activities and sequence them in order.



2 For each activity write any of the substages (s-s) for each of the activities.



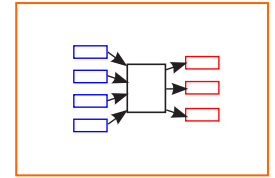
3 Draw a frame of reference around your Flow Map. In the frame write or draw what you enjoy most about your day.



# Multi-Flow Map

## Cause and Effect

The Multi-Flow Map is used for identifying the causes and effects of an event.

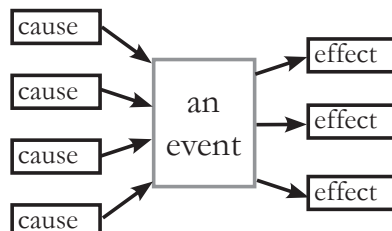


## Who Am I, My Story: Causes/Effects - Multi-Flow Map

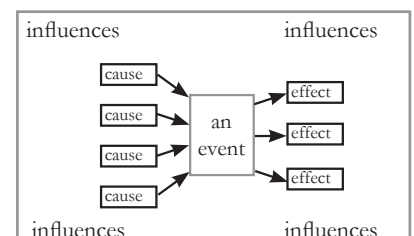
1 Write or draw a picture of a personal event that happened. Draw a rectangle around it.



2 In the left boxes write or draw 'causes' of the event. On the right boxes write the 'effects' of the event.



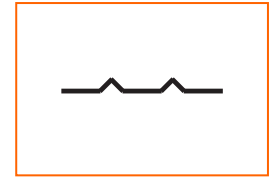
3 Draw a frame of reference around the map and write or draw the experiences of different people involved with the event.



# Bridge Map

## Classification

The Bridge Map is used for identifying similarities between relationships and creating analogies.



## Who Am I, My Story: Relationships - Bridge Map

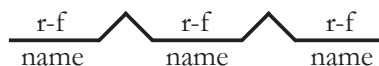
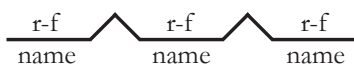
1 Write or draw a picture of yourself on the bottom. Do the same for friends at your table. Add a key attribute or descriptive for each person.



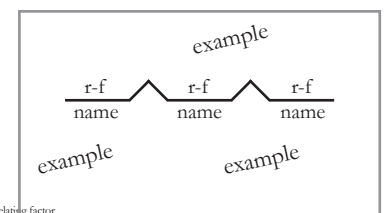
2 Write what the 'relating factor' (r-f) is for all the friends in regards to their common attributes.



3 Draw a frame of reference around your map. Write or draw examples for each person's relating factor attributes.



relating factor \_\_\_\_\_

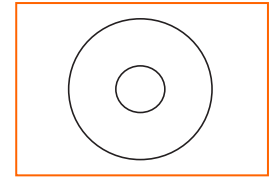


# **Who Am I Our Community**

# Circle Map

## Defining in Context • Brainstorming

The Circle Map is used for brainstorming ideas and thoughts about a topic or a concept.

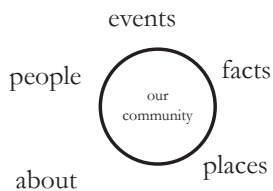


## Our Community: Circle Map

1 Write your name and draw a circle around your community name.



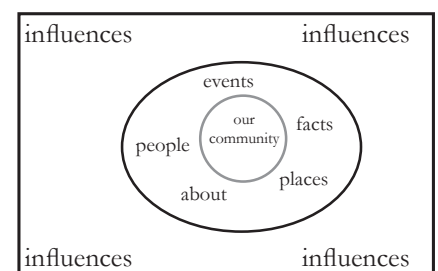
2 Write and/or draw things about your community around the circle with your community name.



3 Draw a circle around your information.



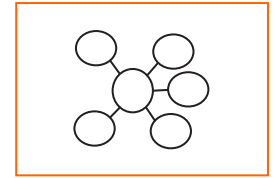
4 Draw a frame of reference around your community map. Write influential people, places and events of your life in the frame.



# Bubble Map

## Describing

The Bubble Map is for describing using adjectives; Identifying the sensory, logical and emotional qualities of any topic or concept.

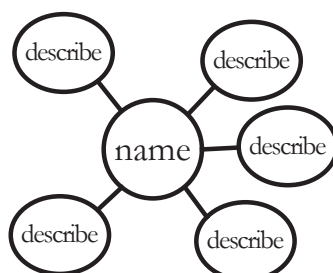


## Our Community: Bubble Map

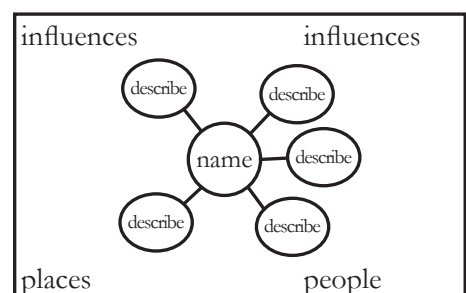
1 Write your name and draw a circle around our community name.



2 Write and/or draw things that describe your community in bubbles around our community name.



3 Add a frame of reference around your map. Write and/or draw influential people, places and events of our community in the frame.

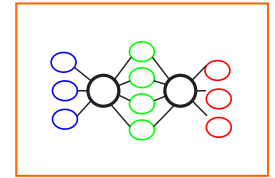




# Double Bubble Map

## Compare and Contrast

The Double Bubble Map is used for comparing and contrasting any two things.

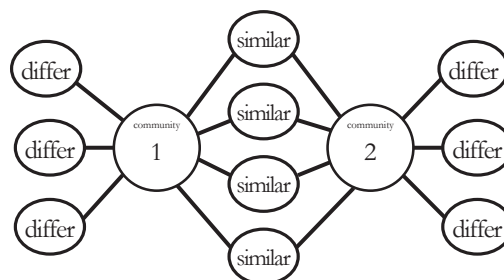


## Our Community: Double Bubble Map

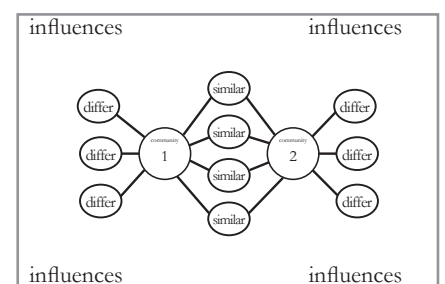
1 Pair with another student, then write our community and another community with a circle around each of your names (or draw your faces with a circle around them).



2 Write and/or draw similarities in the middle, and identify how you differ with one another on the outside bubbles.



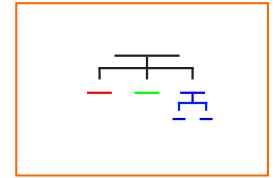
3 Draw a frame of reference around your community map. Write influential people, places and events for each community in the frame.



# Tree Map

## Classification

The Tree Map is for classifying or sorting things and ideas into categories or groups. Under each category (group) there is a list of details.



## Our Community: Tree Map

1 Write our community's Important Things on the top line.

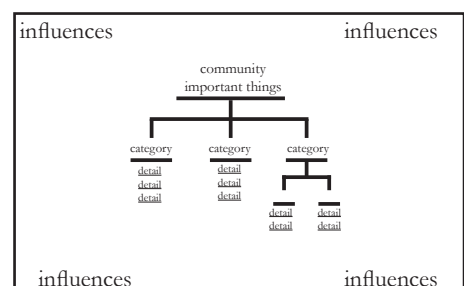
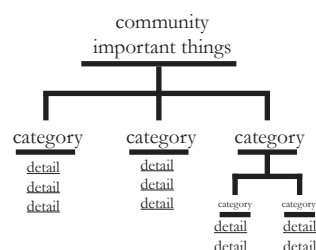


2 Think of 2, 3 or 4 categories to classify important things about your community. Write the name of these categories on the next lines. Under each category, list examples of each favorite thing within that group.



3 Draw a frame of reference around your map. Write influential people, places and events for your community in the frame.

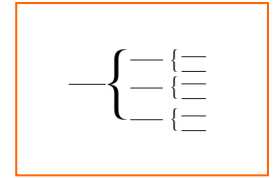
community  
important things



# Brace Map

## Whole Part Relationship

The Brace Map is for analyzing the component parts of physical objects; identifying the spatial relationship of parts to the whole or “structural analysis.”



## Our Community: Brace Map

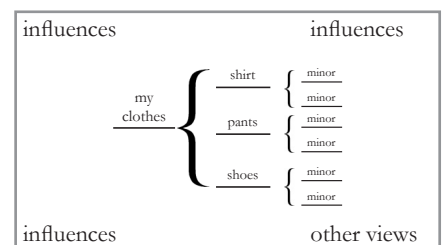
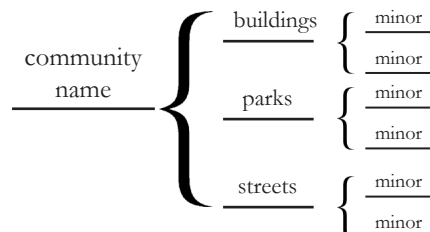
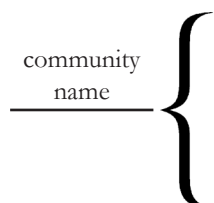
1 Write ‘our community name’ on the line.



2 Write or draw pictures of the three physical parts of ‘our community’. Then write minor parts for each major part.



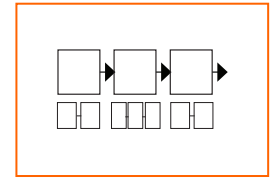
3 Draw a frame of reference around your map. Write or draw what is influencing your community and/or other peoples’s views in the frame.



# Flow Map

## Sequence

The Flow Map is for sequencing the stages and sub-stages of an event including identifying the steps in a process and ordering information.

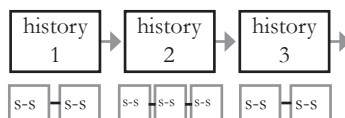


## Our Community: Flow Map

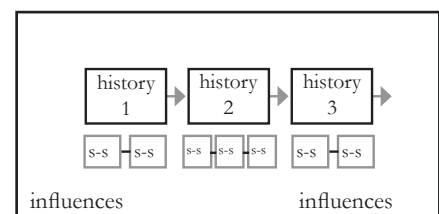
1 Write or draw pictures of the history of your community. Write 3-6 historical events and sequence them in order.



2 For each activity write any of the substages (s-s) for each of the historical events.



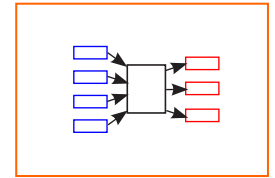
3 Draw a frame of reference around your Flow Map. In the frame write or draw who and/or what influences your community.



# Multi-Flow Map

## Cause and Effect

The Multi-Flow Map is used for identifying the causes and effects of an event.

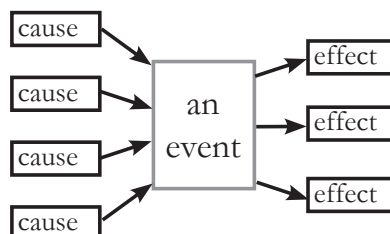


## Our Community: Multi-Flow Map

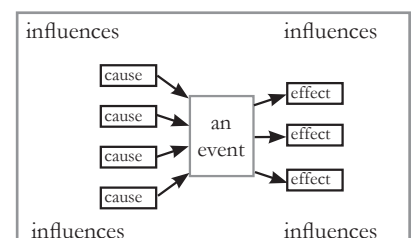
1 Write or draw a picture of a community event that happened. Draw a rectangle around it.



2 In the left boxes write or draw 'causes' of the event. On the right boxes write the 'effects' of the event.



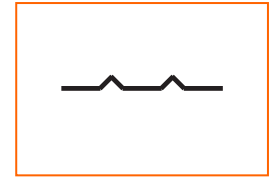
3 Draw a frame of reference around the map and write or draw the experiences of different people involved with the event.



# Bridge Map

## Classification

The Bridge Map is used for identifying similarities between relationships and creating analogies.



## Our Community: Bridge Map

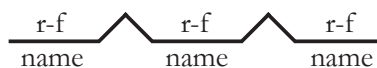
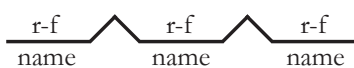
1 Write or draw names of key people in the community on the bottom. Add a key attribute or descriptive for each person.



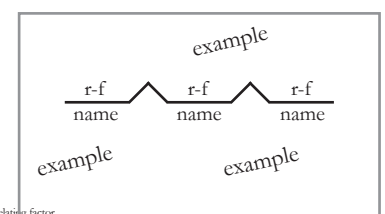
2 Write what the 'relating factor' (r-f) is for all the key people in regards to their common attributes.



3 Draw a frame of reference around your map. Write or draw examples for each person's relating factor attributes.



relating factor \_\_\_\_\_



# **Who Am I My Ancestors**



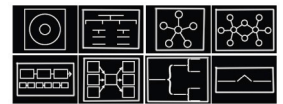


# **Who Am I My Inspirations**

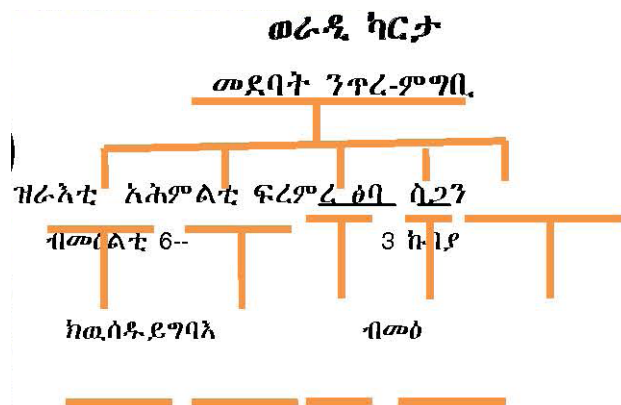
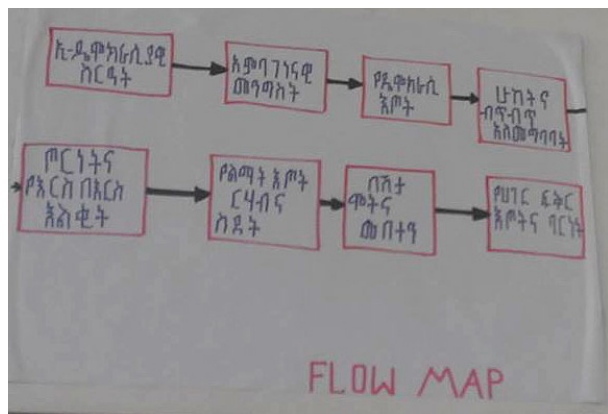
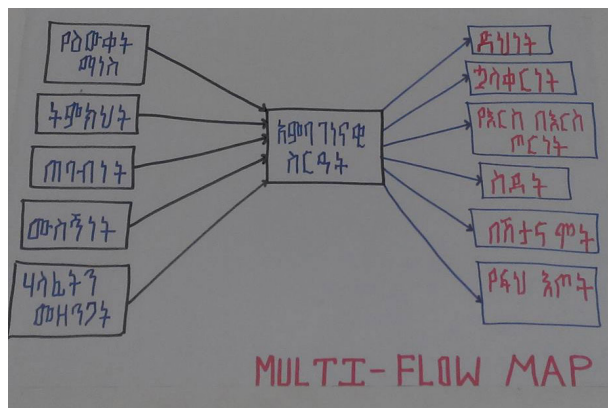
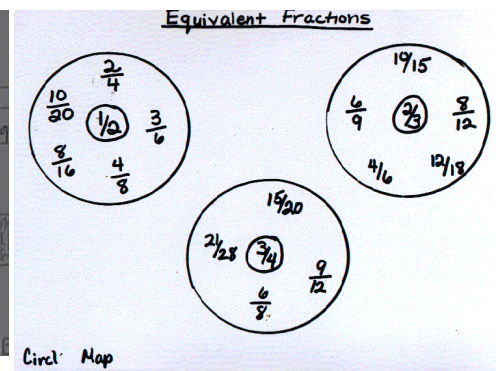
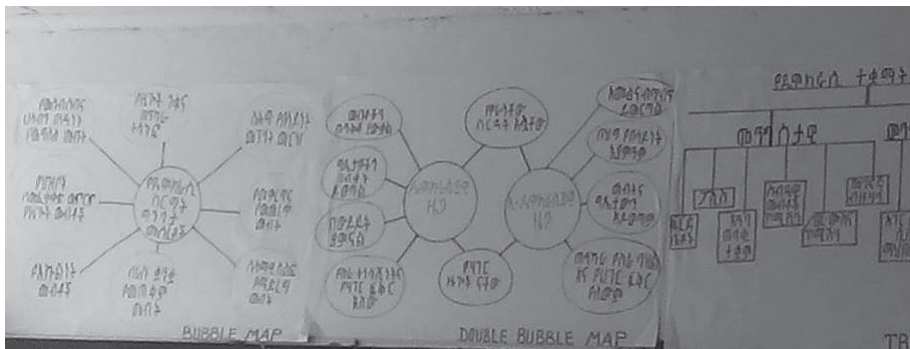


# Thinking Maps for All Subjects

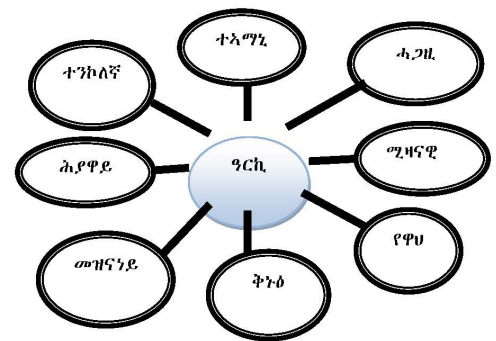
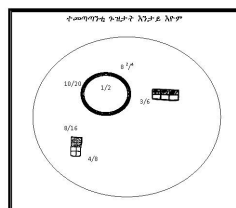
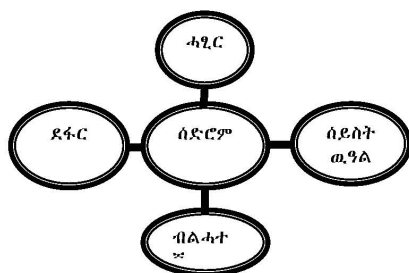
- math
- language arts
- writing
- science
- social science
- athletics
- home and life
- reading
- music
- biology
- chemistry
- problem solving
- cooking
- home and life

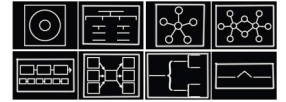


Thinking Maps®

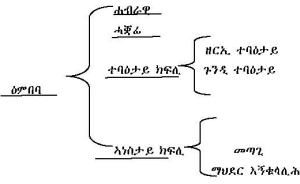


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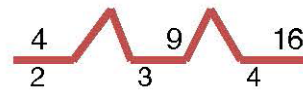
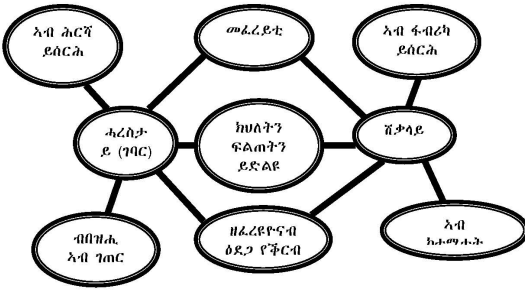
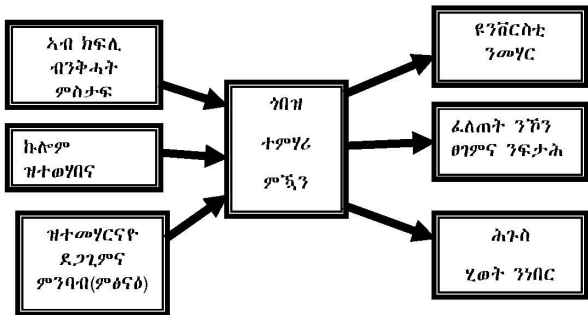
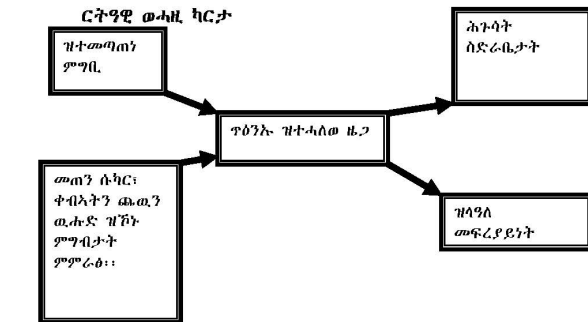
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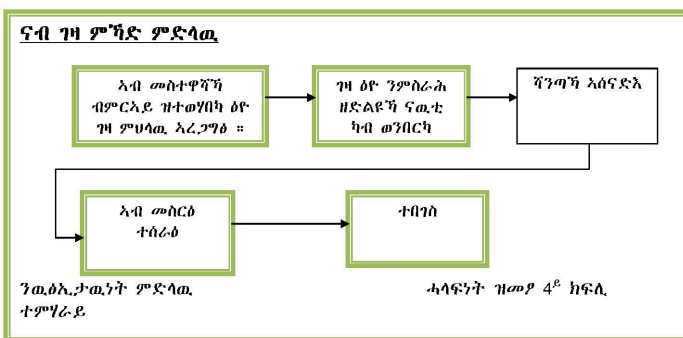


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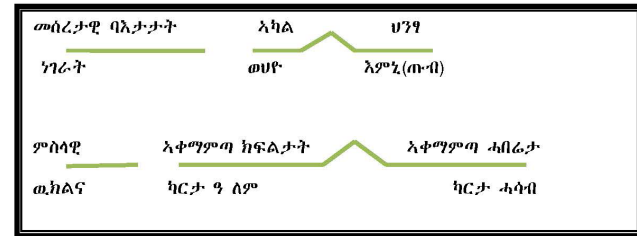
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3	4	5	6

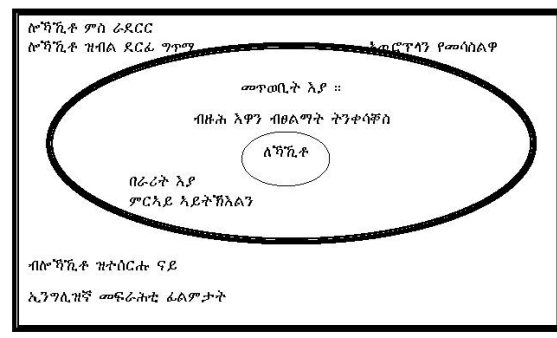
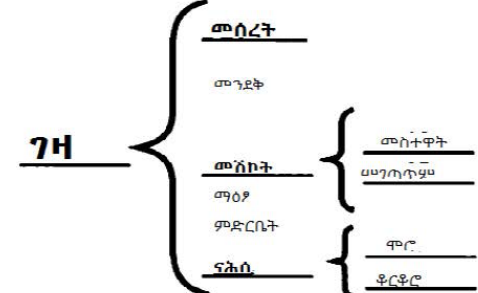
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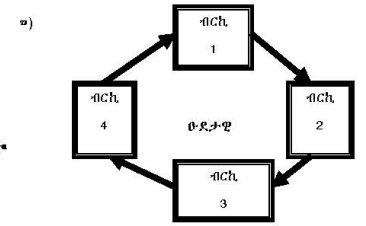
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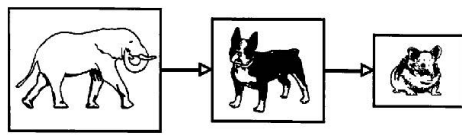
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# Thinking Maps for Leadership

