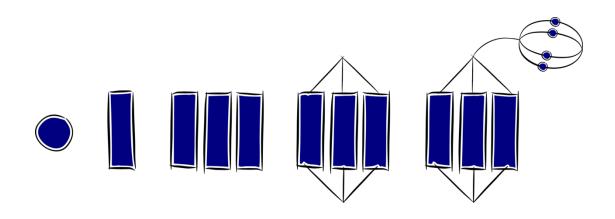
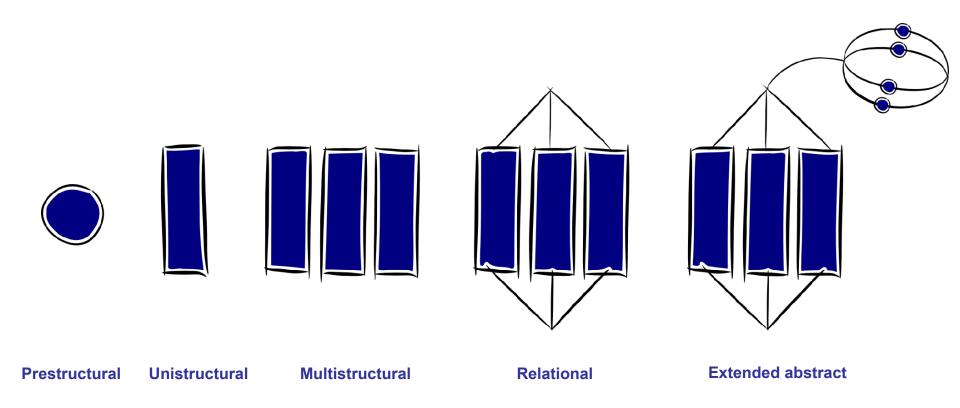
SOLO Taxonomy and Success Criteria for Learning Logs.



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SOLO Taxonomy - Biggs and Collis 1982 Structure of the Observed Learning Outcome





#1. Identify the Learning Intention (LI).

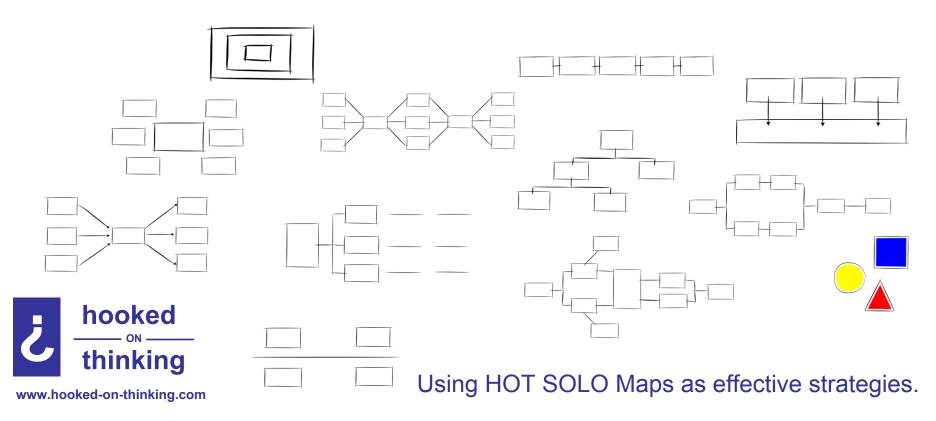
[verb] [content] [context]



Use SOLO and constructive alignment to design learning intention/s that describe what students are to understand from an Achievement Objective or Achievement Standard.

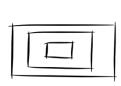
#2. Identify an Effective Strategy to support the LI.

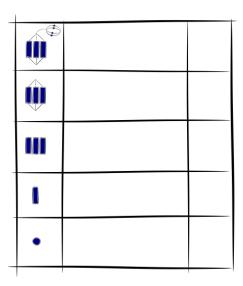
Effective Strategy - [HOT SOLO Maps]



#3. Identify Success Criteria for the Effective Strategy

Success Criteria - [HOT SOLO Map Rubrics]

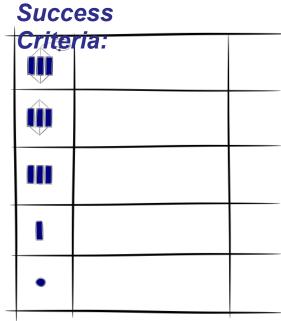






#4. Create a SOLO Learning Log Self-assessment and/or Peer Assessment





My statement is at a [insert SOLO level] outcome because

My next step is to



Examples



LI: [define] [content] [context]

LI: Define the geosphere on the Planet Earth.

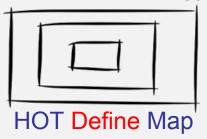
LI: **Define** Pythagoras' Theorum in two and three dimensions.

LI: **Define** the rights of consumers in NZ society.

LI: Define artwork from a Maori cultural context.



Effective Strategy:



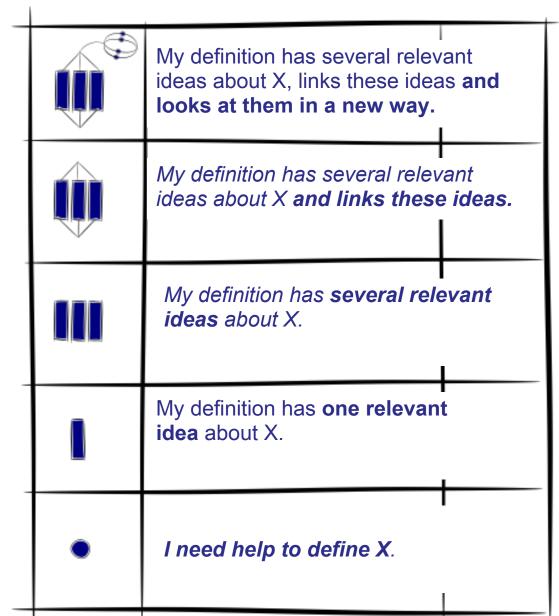
SOLO Learning Log:

My definition statement is at a [insert SOLO level] outcome because

My next step is to



Success Criteria for DEFINE



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LI: [describe] [content] [context]

LI: Describe the continental crust of the geosphere.

LI: Describe the gradient of a line making an angle of 40° with the x-axis.

LI: Describe consumption in early 20th century New Zealand

LI: Describe the use of colour in an identified artwork by

Robin Kahukiwa



Effective Strategy: HOT Describe Map

SOLO Learning Log:

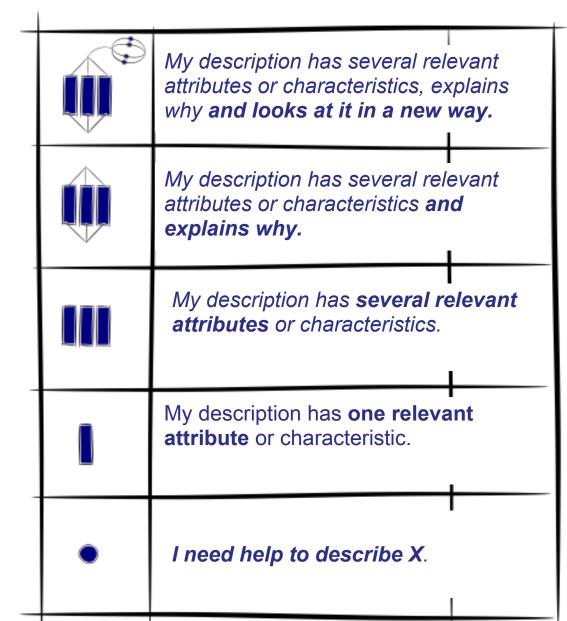
My description is at a [insert SOLO level] outcome because

My next step is to



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Success Criteria for DESCRIBE



LI: [sequence] [content] [context]

LI: **Sequence** the distribution of heat energy around Planet Earth

LI: Sequence the steps needed to rearrange a line equation to the form y=mx + c

LI: Sequence the steps in setting up a limited liability company

LI: Sequence the preparation of Harakeke for Raranga (weaving, textile and fibre arts).



Effective Strategy:

HOT Sequence Map

SOLO Learning Log:

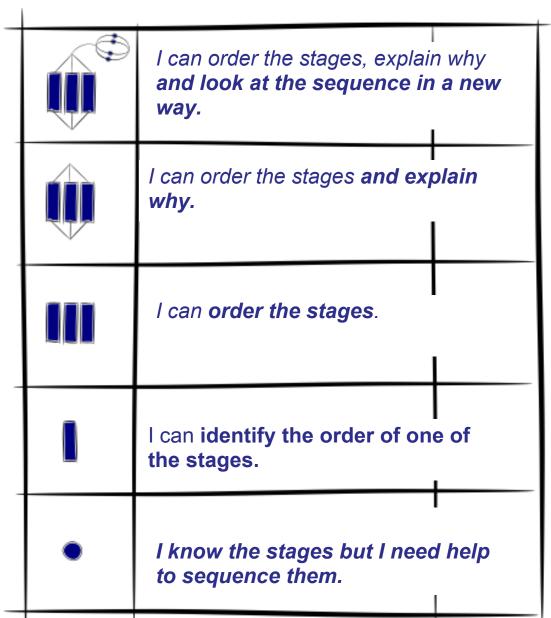
My sequencing statement is at a [insert SOLO level] outcome because

My next step is to

.



Success Criteria for SEQUENCE



LI: [classify] [content] [context]

LI: Classify convergent plate boundaries by the plates involved.

LI: Classify straight line equations (ax + by + c = 0).

LI: Classify the way firms compete in the market

LI: Classify design features used when carving hei matua.



Effective Strategy: HOT Classify Map

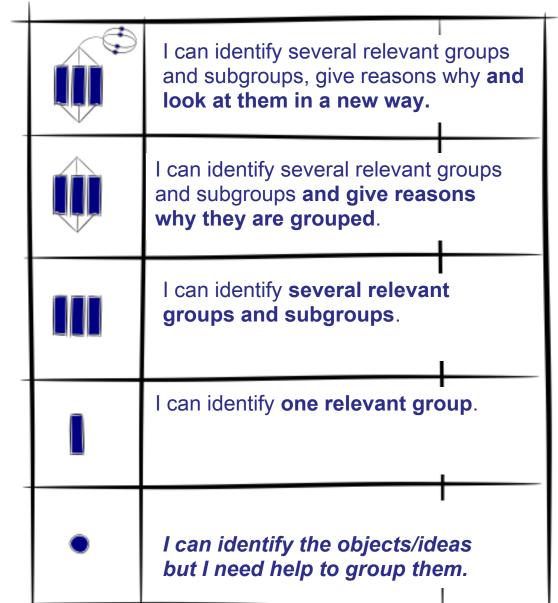
SOLO Learning Log:

My classification is at a [insert SOLO level] outcome because

My next step is to



Success Criteria for CLASSIFY



LI: [compare & contrast] [content] [context]

LI: Compare & contrast the geosphere and atmosphere on Planet Earth

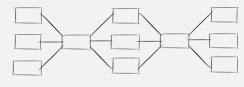
LI: Compare & contrast a parallel line with a perpendicular line.

LI: Compare & contrast two strategies for profit maximisation.

LI: Compare & contrast examples of traditional and contemporary Tuhi Whakaniko (visual art practice).



Effective Strategy:



HOT Compare Contrast Map

SOLO Learning Log:

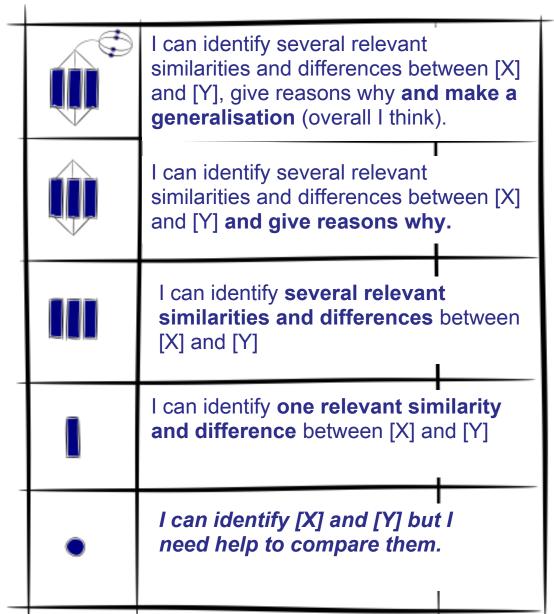
My compare & contrast statement is at a [insert SOLO level] outcome because

My next step is to



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Success Criteria for COMPARE & CONTRAST



LI: [explain causes] [content] [context]

LI: Explain how mountain ranges form when plates collide.

LI: Explain why two lines are parallel if m₁ = m₂

LI: **Explain** how quotas on NZ butter to overseas markets effect NZ butter production.

LI: **Explain** why the artwork "Makaro" by Gordon Walters was criticised.



LI: [explain effects] [content] [context]

LI: Explain the effects of subduction on the Earth's surface.

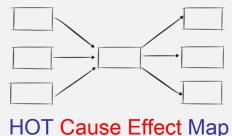
LI: **Explain** the effect of increasing the change in y on the gradient of a line.

LI: Explain the impact of an economic event on economic activity.

LI: Explain the influence of whakapapa on Maori cultural design in an identified artwork.



Effective Strategy:



Success Criteria for EXPLAINING CAUSE or EFFECT

SOLO Learning Log:

My causal explanation statement is at a [insert SOLO level] outcome because

My next step is to



I can identify the event, several relevant causes or effects, give reasons for the causes or effects and make a generalisation. I can identify the event, several relevant causes or effects and give reasons for the causes or effects. I can identify the event and **several** relevant causes or effects. I can identify the event and a relevant cause or effect. I can identify the event but I need help to identify a relevant cause or effect.

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LI:[analyse] [content] [context]

LI: Analyse the evidence for continental drift theory.

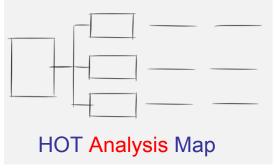
LI: Analyse the point/gradient equation $y - y_1 = m(x - x_1)$

LI: Analyse the circular flow model in economics.

LI: Analyse the pictorial features of contemporary artworks from Maori cultural contexts.



Effective Strategy:

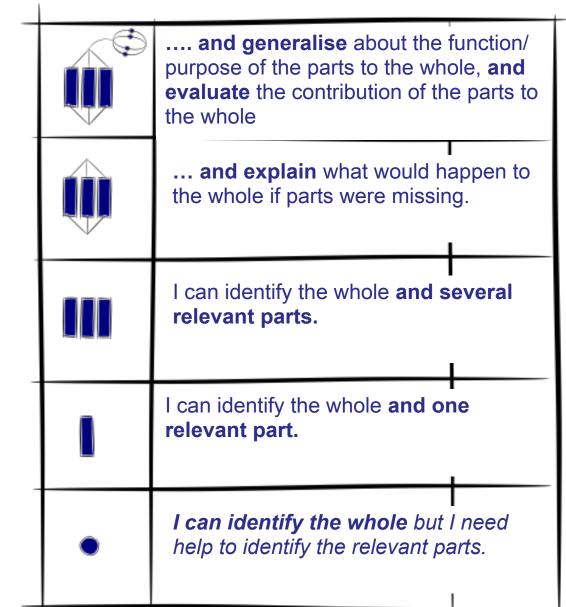


My analysis is at a [insert SOLO level] outcome because

My next step is to



Success Criteria for ANALYSE



LI: Make an [analogy] [content] in [context]

LI: Make an ANALOGY for the Earth systems – geosphere, atmosphere, and hydrosphere.

LI: Make an ANALOGY for a line segment.

LI: Make an ANALOGY for venture finance.

LI: Make an ANALOGY for "Maybe Tomorrow" by Alvin

Pankhurst



Effective Strategy: HOT Analogy Map

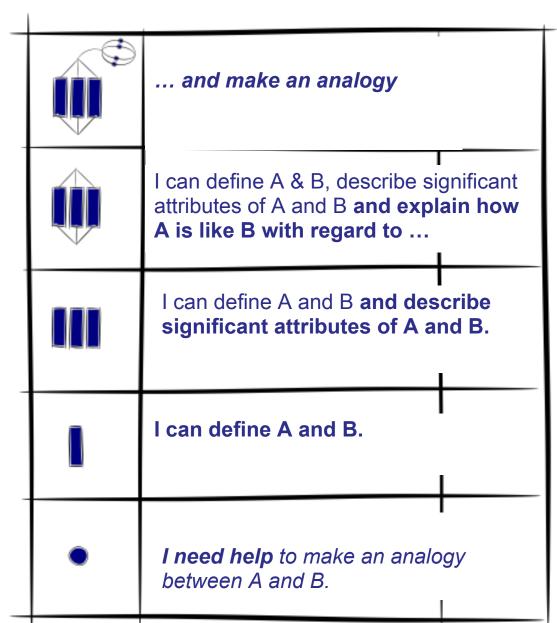
SOLO Learning Log:

My analogy is at a [insert SOLO level] outcome because

My next step is to



Success Criteria for ANALOGY



LI: [generalise] [content] [context]

LI: Generalise about Earth systems.

LI: **Generalise** about the design of motorway onramps and Pythagoras' Theorum.

LI: Generalise about economic concept of interdependence.

LI: Generalise about themes of kaitiakitanga in contemporary artworks with a Maori cultural context.



Effective Strategy: HOT Generalise Map

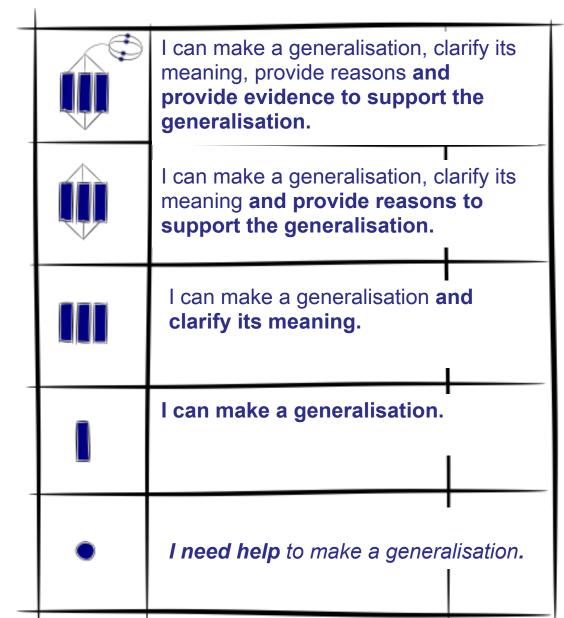
SOLO Learning Log:

My generalisation is at a [insert SOLO level] outcome because

My next step is to



Success Criteria for GENERALISE



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LI: [predict] [content] [context]

LI: Predict how a human activity will impact on the geosphere in 150 years time.

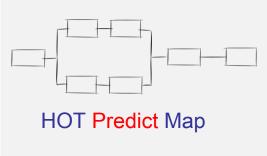
LI: Predict triangle classification by angle (right/obtuse/acute) using the Pythagoras' Theorum.

LI: Predict the likely effect of a proposed GST increase on markets.

LI: Predict a future art style for Maori facial tattoo (Moko).



Effective Strategy:



SOLO Learning Log:

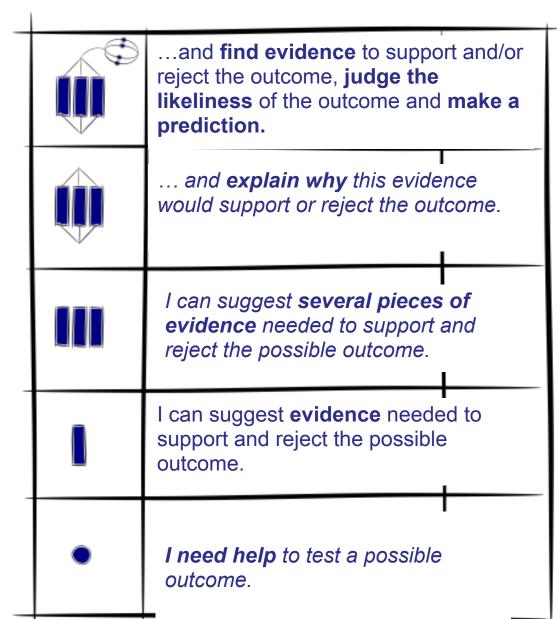
My prediction is at a [insert SOLO level] outcome because

My next step is to



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Success Criteria for PREDICT



LI: [evaluate] [content] [context]

LI: **Evaluate** the impact of human activities on the hydrosphere.

LI: **Evaluate** the advantages of being a sole trader over working in a partnership.

LI: **Evaluate** the influence of European compositional practices on Maori 19th Century art.



Effective Strategy: HOT Evaluate Map

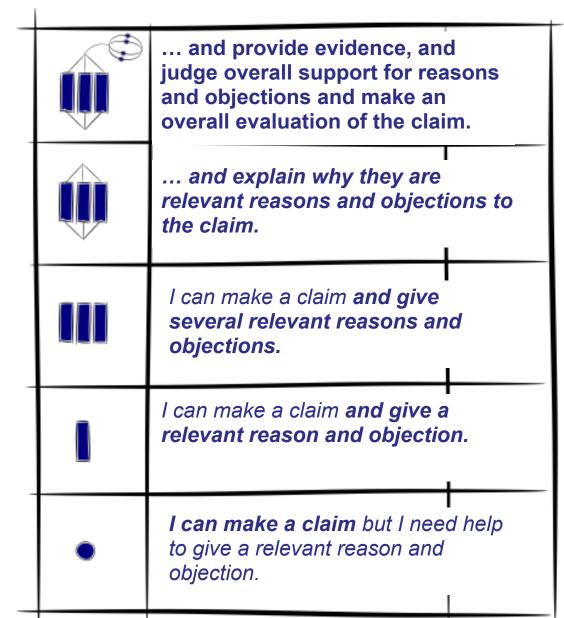
SOLO Learning Log:

My evaluation is at a [insert SOLO level] outcome because

My next step is to

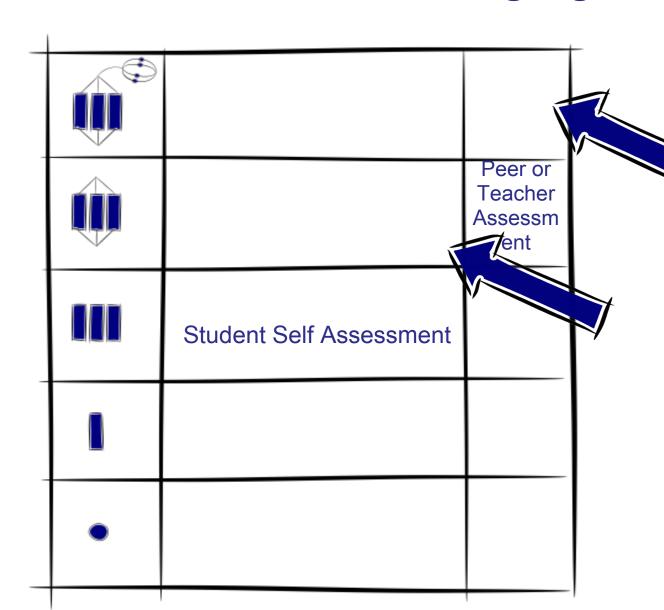


Success Criteria for EVALUATE



How reliable and/or valid is student self assessment in a learning log?

Measuring the degree of correlation between student self assessment and peer/teacher assessment.







transforming learning outcomes

Contact

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