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Explaining

Values

Reflects

Questioning

Investigating

See connection

**My sustainability skills - Tools for planning and evaluation**  
*Concretization of GreenComp's competencies for a sustainable way of thinking*

AREA	COMPETENCE	DESCRIPTOR
1. Embodying sustainability values	1.1 <b>Valuing sustainability</b>	To reflect on personal values; identify and explain how values vary among people and over time, while critically evaluating how they align with sustainability values.
	1.2 <b>Supporting fairness</b>	To support equity and justice for current and future generations and learn from previous generations for sustainability.
	1.3 <b>Promoting nature</b>	To acknowledge that humans are part of nature; and to respect the needs and rights of other species and of nature itself in order to restore and regenerate healthy and resilient ecosystems.
2. Embracing complexity in sustainability	2.1 <b>Systems thinking</b>	To approach a sustainability problem from all sides; to consider time, space and context in order to understand how elements interact within and between systems.
	2.2 <b>Critical thinking</b>	To assess information and arguments, identify assumptions, challenge the status quo, and reflect on how personal, social and cultural backgrounds influence thinking and conclusions.
	2.3 <b>Problem framing</b>	To formulate current or potential challenges as a sustainability problem in terms of difficulty, people involved, time and geographical scope; in order to identify suitable approaches to anticipating and preventing problems, and to mitigating and adapting to already existing problems.

Shows creativity

Shows curiosity

Shows perseverance

3. Envisioning sustainable futures	3.1 <b>Future literacy</b>	To imagine the developing alternative scenarios and identifying the steps needed to achieve a preferred sustainable future.
	3.2 <b>Adaptability</b>	To manage transitions and challenges in complex sustainability situations and make decisions related to the future in the face of uncertainty, ambiguity and risk.
	3.3 <b>Exploratory thinking</b>	To adopt a relational way of thinking by exploring and linking different disciplines, using creativity and experimentation with novel ideas or methods.
4. Acting for sustainability	4.1 <b>Political agency</b>	To navigate the political system, identify political responsibility and accountability for unsustainable behaviour, and demand effective policies for sustainability.
	4.2 <b>Collective action</b>	To act for change in collaboration with others.
	4.3 <b>Individual initiative</b>	To identify own potential for sustainability and to actively contribute to improving prospects for the community and the planet.

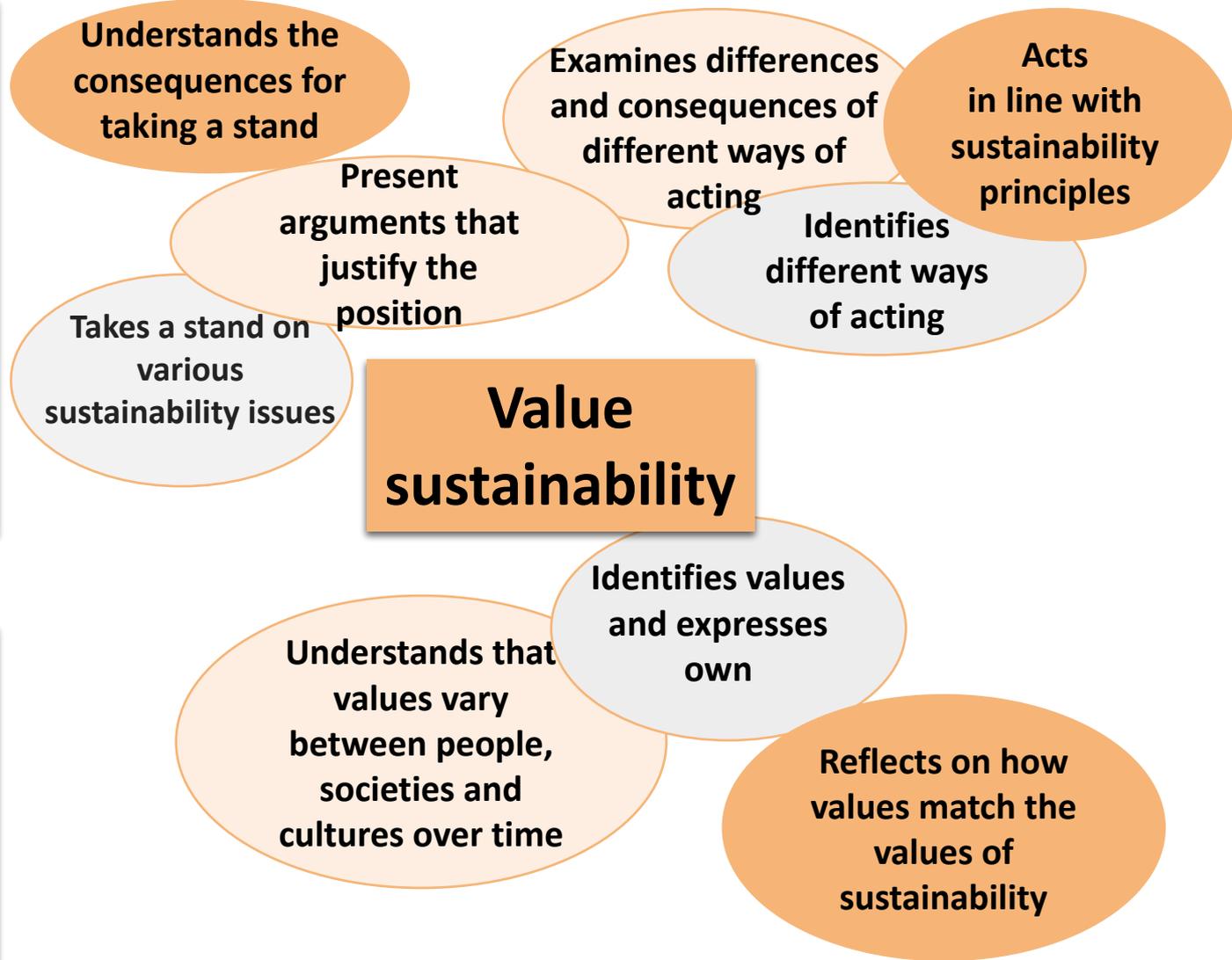
Collaborating

Showing courage

Shows interest

**1:1 Embody sustainability issues**  
To **reflect** on personal values, identify and **explain** how values vary between people and over time, and at the same time **critically evaluate** the extent to which these values agree with the values of sustainability.

**Overall abilities**  
**Explaining**  
Helping someone else understand.  
**Values**  
Set things against each other.  
**Reflects**  
Seeing a thing from several



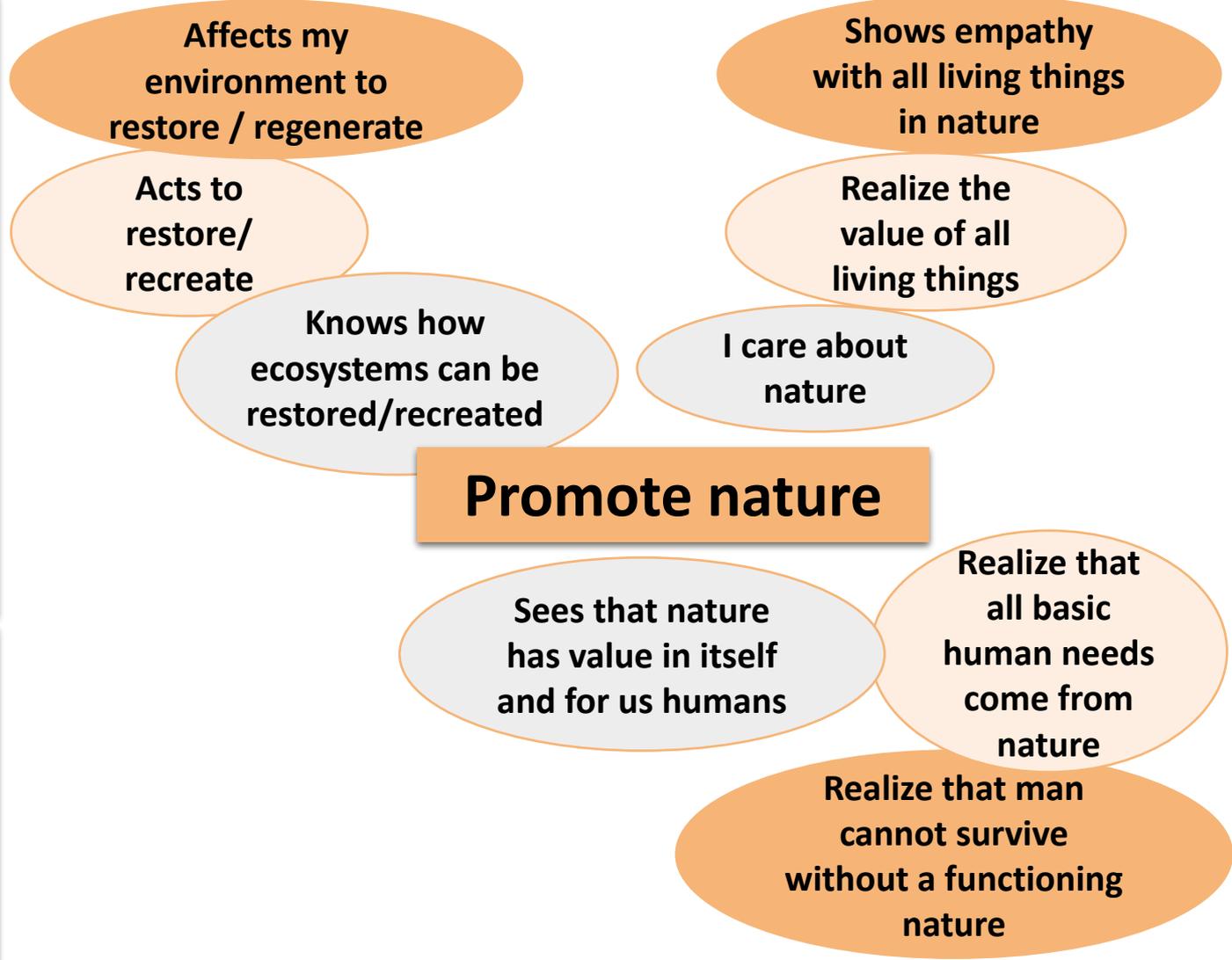
**1:2 Support justice**  
To support equality and justice for current and future generations and learn from previous generations in order to promote sustainability.

**Overall abilities**  
**Explaining**  
Helping someone else understand.  
**Values**  
Set things against each other.  
**Reflects**  
Seeing a thing from several



**1.3 Promote nature**  
To recognize that humans are part of nature, to respect the needs and rights of other species and nature in order to restore and recreate healthy and resilient ecosystems

**Overall abilities**  
**Explaining**  
Helping someone else understand.  
**Values**  
Set things against each other.  
**Reflects**  
Seeing a thing from several



## 2.1 Systems thinking

To see sustainability problems from all sides, to consider time, place and context to understand how different elements interact within and between systems

### Overall abilities

#### Questioning

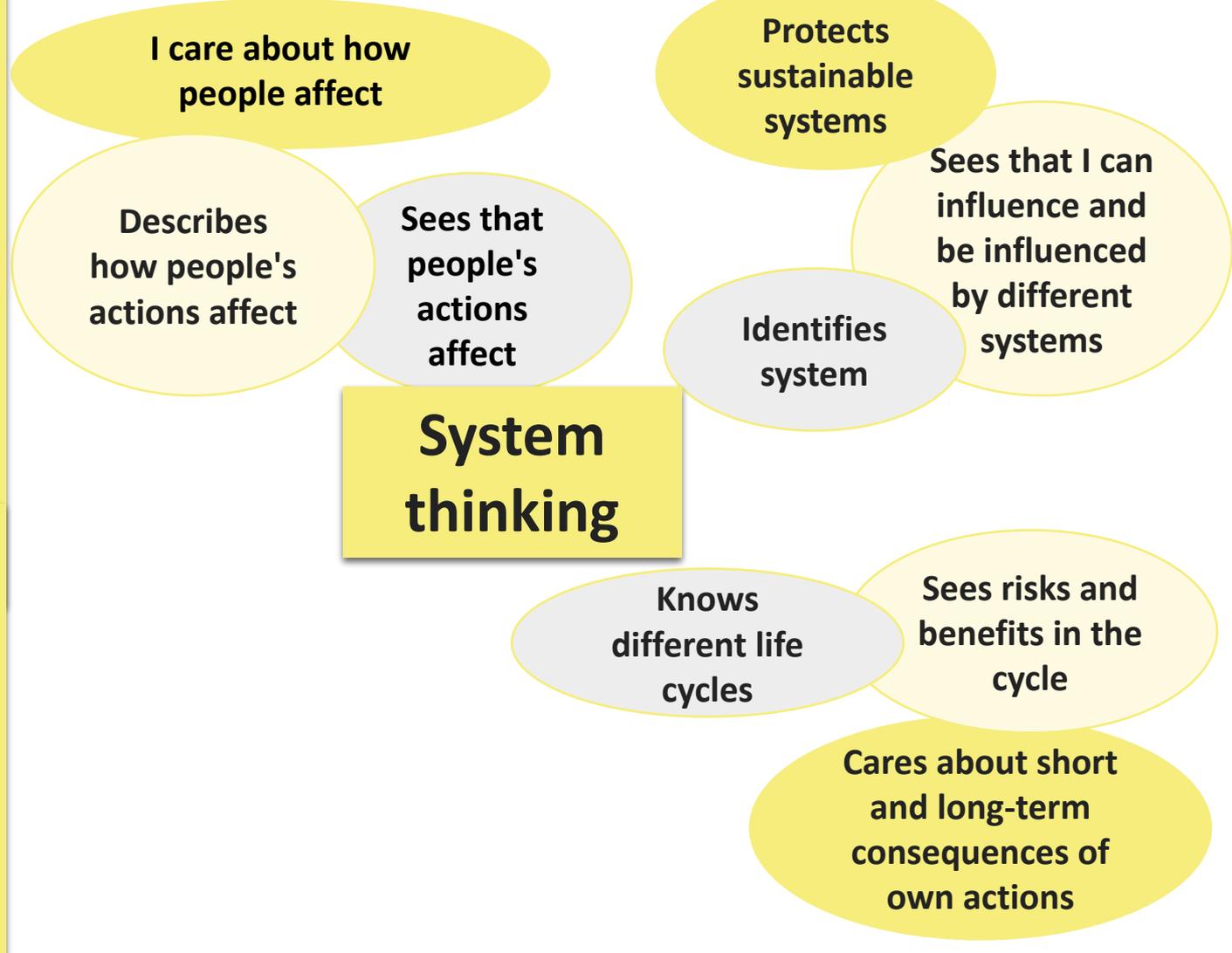
Asking questions.  
Challenging what is said.

#### Investigating

Immerse yourself on your own or with guidance.

#### See connection

Pays attention to connections, causes and consequences between different phenomena.



## 2.2 Critical thinking

Evaluating information and arguments, **identifying** assumptions, **questioning** the status quo and **reflecting on how personal, social and cultural background influences people's** thinking and conclusions

### Overall abilities

#### Questioning

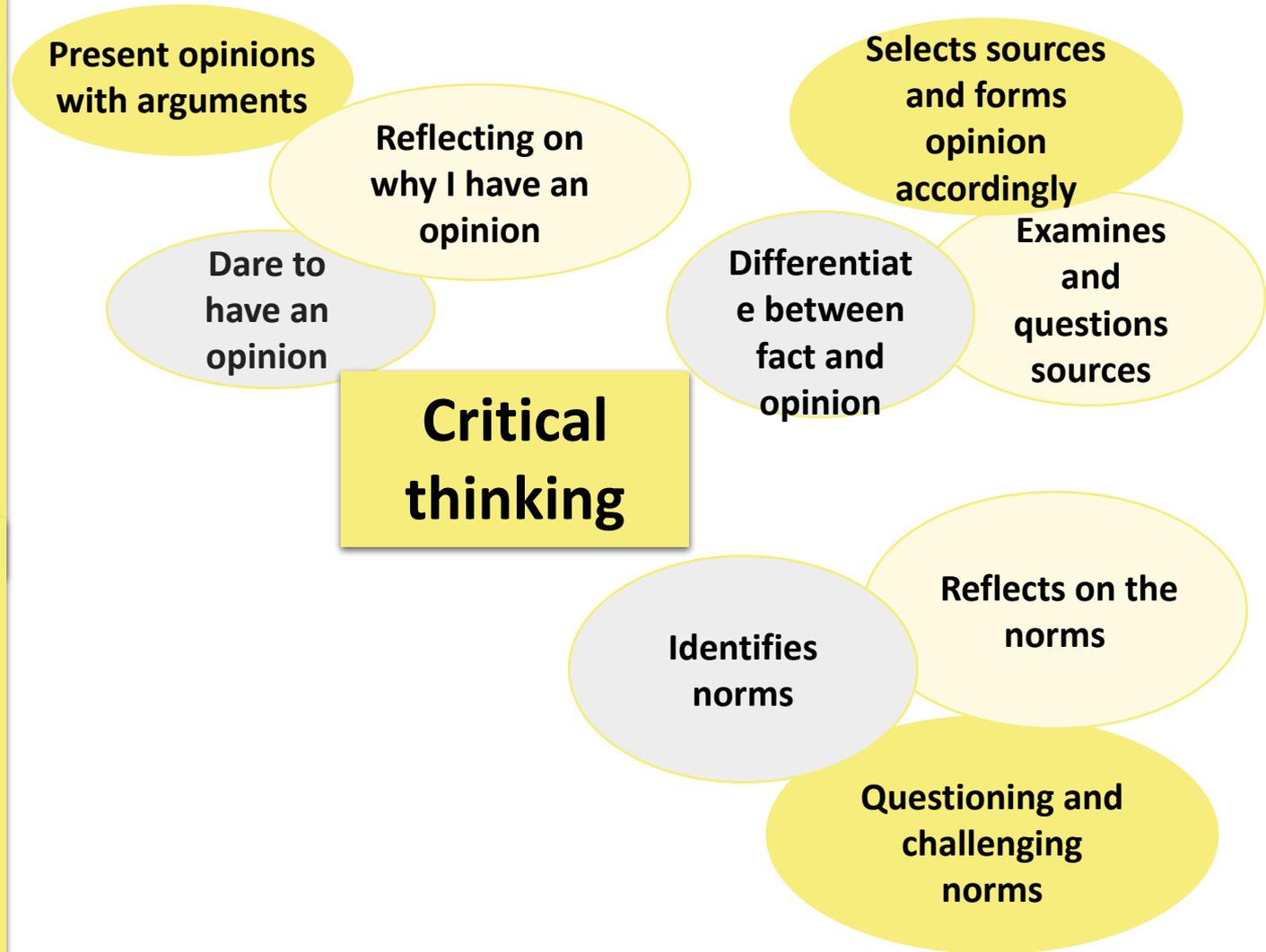
Asking questions.  
Challenging what is said.

#### Investigating

Immerse yourself on your own or with guidance.

#### See connection

Pays attention to connections, causes and consequences between different phenomena.



## 2.3 Problem formulation

Articulating actual or potential challenges as sustainability issues, including severity, people affected, time and geographic scope, with the aim of identifying **appropriate methods** for anticipating and preventing problems and mitigating and adapting to pre-existing problems

### Overall abilities

#### Questioning

Asking questions.  
Challenging what is said.

#### Investigating

Immerse yourself on your own or with guidance.

#### See connection

Pays attention to connections, causes and consequences between different phenomena.

Dare to ask critical questions

Dare to ask their questions

Formulates questions

**Problem formulation**

Gives suggestions for solutions

Defines problems

Identifies what caused the problems

Sees that the causes and thus the solutions can be seen from different perspectives

Sees that problems can be seen from different perspectives

Reasons about sustainability from different perspectives

### 3.1 Future skills

To create alternative sustainable visions of the future by **imagining** and **developing** alternative scenarios and **identifying the actions** required to realize a desired future vision

#### Overall abilities

##### Shows creativity

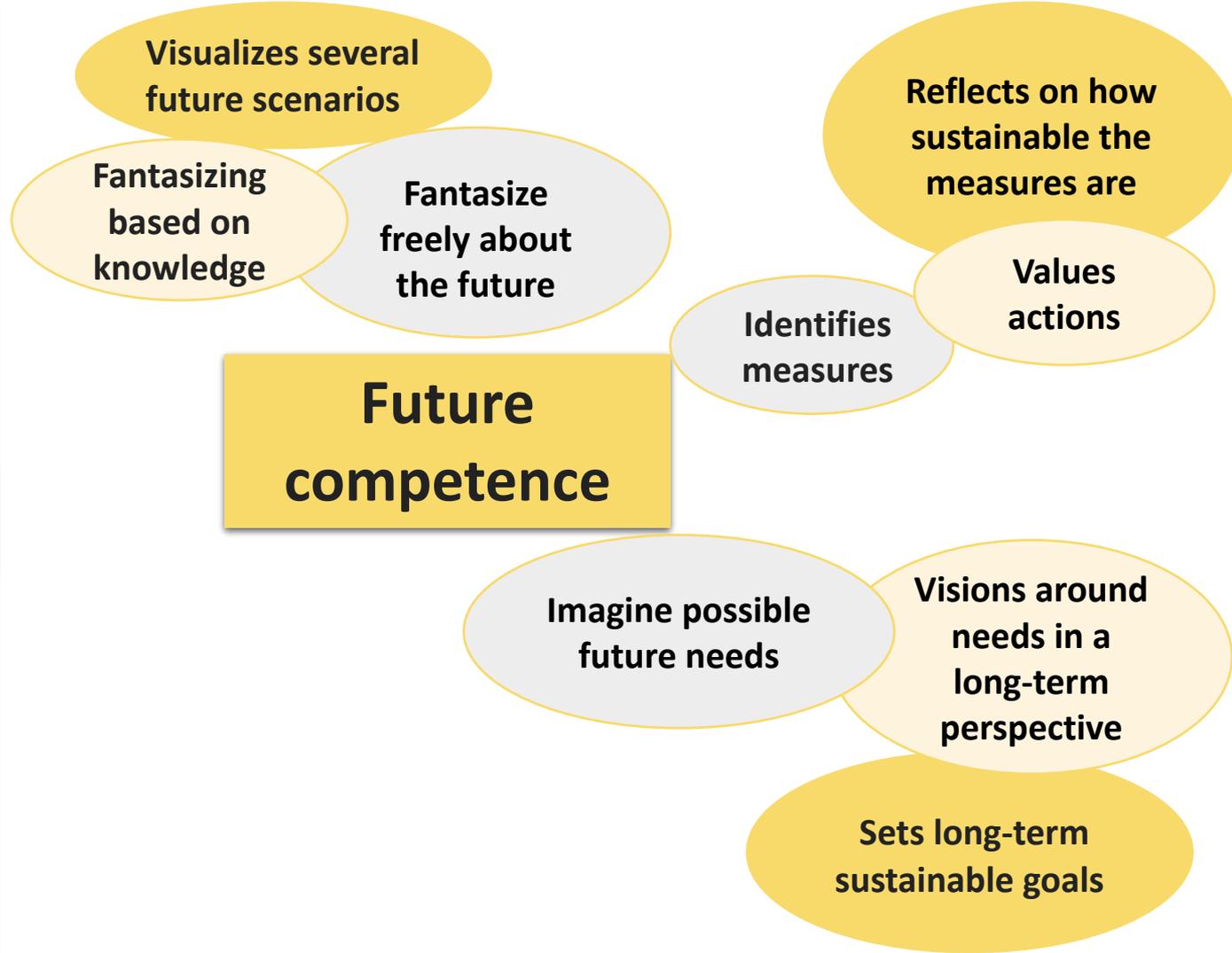
Comes up with ideas, implements ideas, improves own and others' ideas and processes them.

##### Shows curiosity

Asks questions, seeks information and investigates. Trying, testing different ways.

##### Shows perseverance

Keeps trying despite setbacks.



## 3.2 Adaptability

Dealing **with changes** and challenges in complex sustainability situations and **making decisions** concerning the future in situations characterized by uncertainty, ambiguity and risk

### Overall abilities

#### Shows creativity

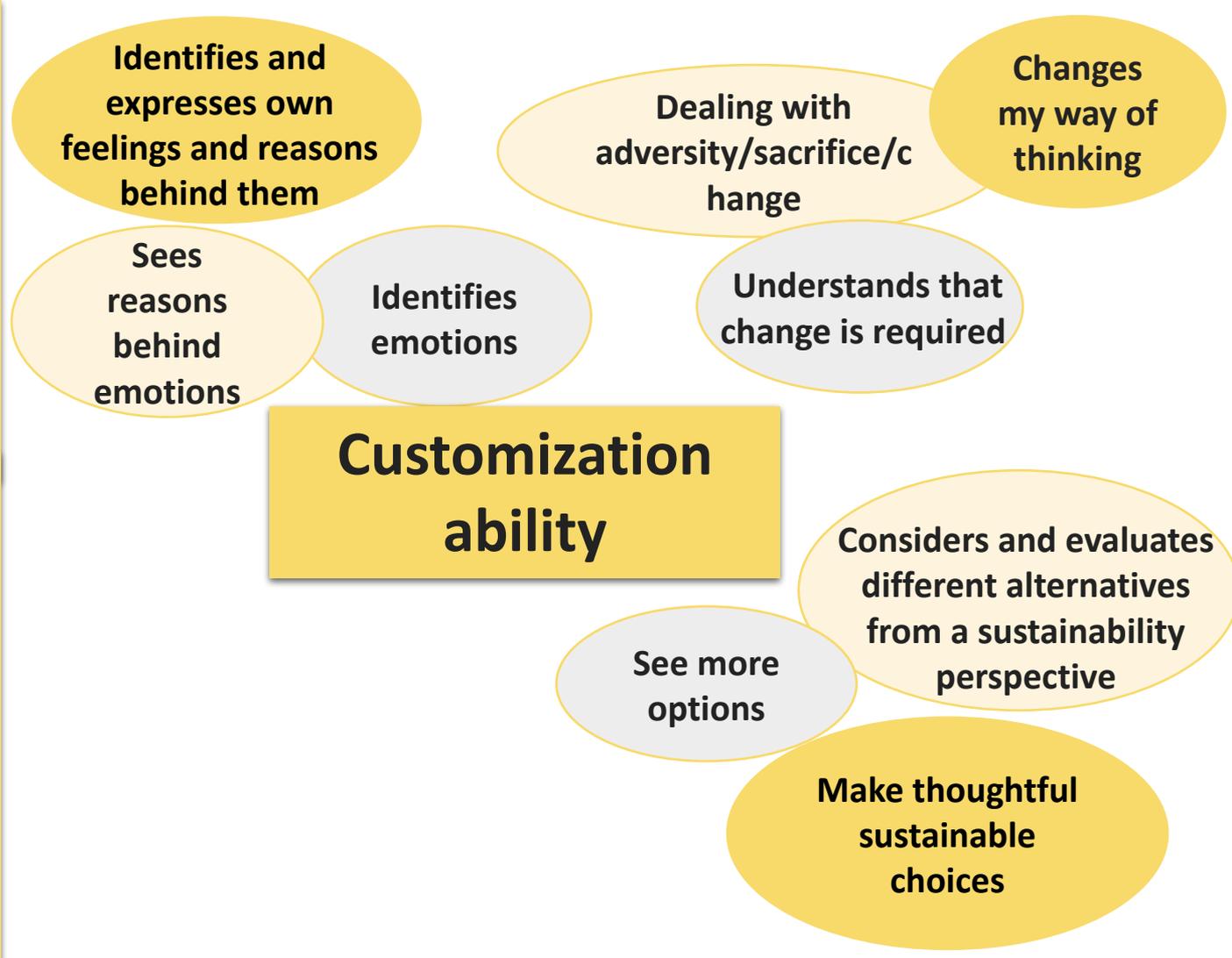
Comes up with ideas, implements ideas, improves own and others' ideas and processes them.

#### Shows curiosity

Asks questions, seeks information and investigates. Trying, testing different ways.

#### Shows perseverance

Keeps trying despite setbacks.



### 3.3 Exploratory thinking

To establish a relational way of thinking by exploring and **connecting** different disciplines, **being creative** and **experimenting** with new ideas or methods

#### Overall abilities

##### Shows creativity

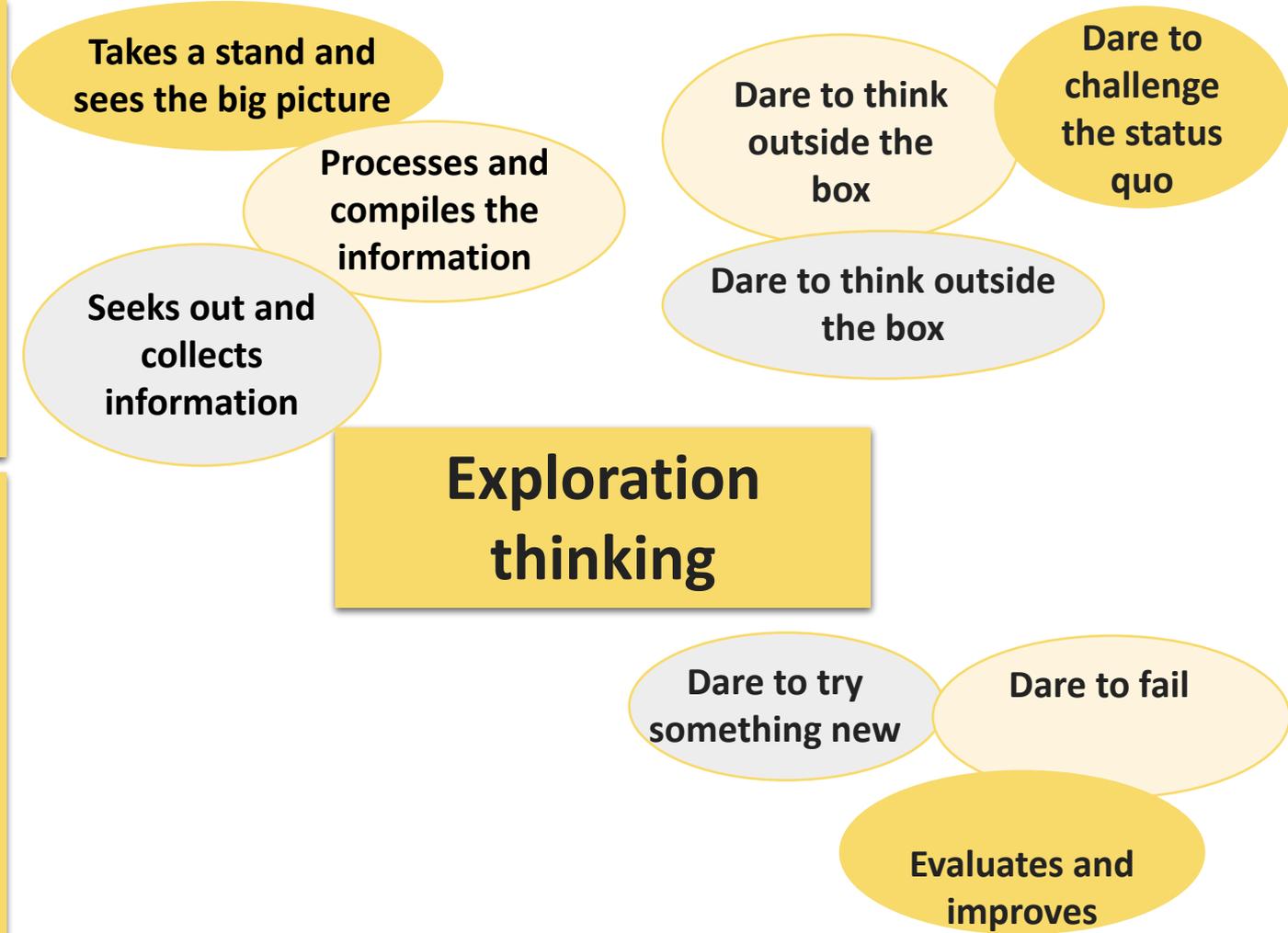
Comes up with ideas, implements ideas, improves own and others' ideas and processes them.

##### Shows curiosity

Asks questions, seeks information and investigates. Trying, testing different ways.

##### Shows perseverance

Keeps trying despite setbacks.



## 4:1 Political ability to act

Navigating the political system, identifying political responsibility and accountability for unsustainable behavior and demanding appropriate policies for sustainability

### Overall abilities

#### Collaborating

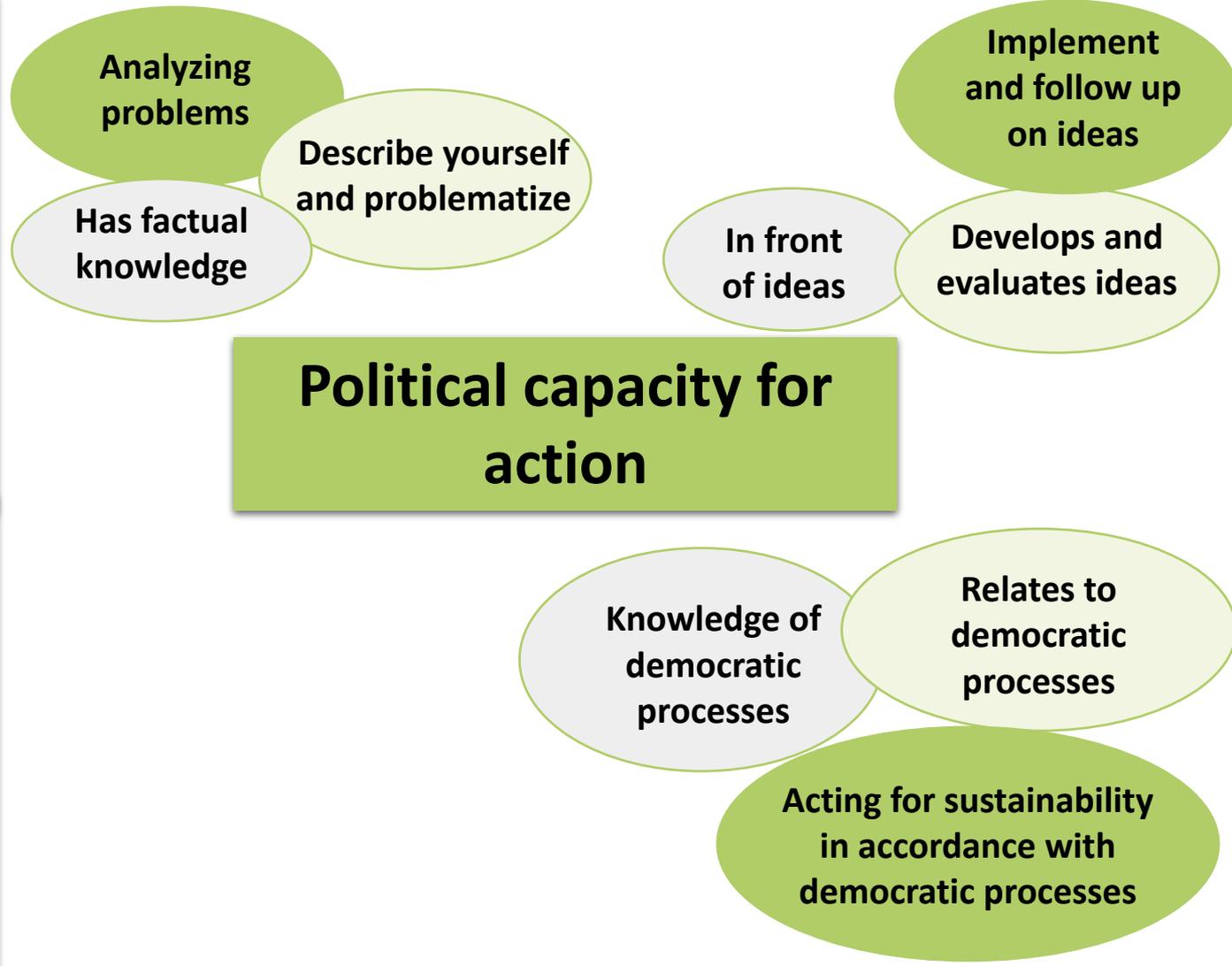
Listens and contributes with own suggestions and ideas.

#### Showing courage

Dare to take a stand.  
Dare to talk in groups.

#### Shows interest

Asks follow-up questions that deepen and provide more information. Questioning.



## 4:2 Collective action

Acting for change in **collaboration** with others.



### Overall abilities

#### Collaborating

Listens and contributes with own suggestions and ideas.

#### Showing courage

Dare to take a stand.

Dare to talk in groups.

#### Shows interest

Asks follow-up questions that deepen and provide more information. Questioning.

## 4:3 Individual initiative

To identify one's own sustainability potential and actively contribute to improving the future prospects for the local community and the planet

### Overall abilities

#### Collaborating

Listens and contributes with own suggestions and ideas.

#### Showing courage

Dare to take a stand.  
Dare to talk in groups.

#### Shows interest

Asks follow-up questions that deepen and provide more information. Questioning.

Seeing that I can act to make a difference

Sees that my choices ( or my inaction) matters

Understands that choices can be made

Sees that you have both rights and obligations

Make sacrifices for durability

Differentiates between needs and desires

**Individual initiative**

Identify what you can do

Acting in the best interests of the planet

Affects others

# Questions to think about

How have you had the students practice the skills?

How have you seen them learn anything?

Which teaching activities have contributed to training the skills?

Can you benefit from these in your planning of upcoming theme or storyline work?

1. Put a sticky note next to the skills/bubbles you worked on during the theme work

# **Concretization of competences**

Green Comp's 12 competencies for a  
sustainable mindset