

CREATIVITY MEASURED

In this session, each participant can choose activities the group is going to get engaged in. We are not going to manage all the activities but that is not the point of this session. There are two requirements:
(a) each activity must be chosen by a different person;
(b) between two activities participants must change their place. (the reason for this is to break the traditional territorial behaviour we have – when we get somewhere, we choose a place and think it is ours and go back there as often as possible...)

Aims

In two minutes, write down in detail what are students at a university aiming for?

Elaboration

All

In two minutes, write down all things that fly.

Ideational fluency

Brick (2')

Write as many uses of a brick as possible.

Originality

Cars and Pets (2')

Compare a car and a faculty. Write down as many similarities (or features they have in common) as possible.

Spontaneous flexibility, semantic

Out of the five words below, choose two of them that have most things in common.

CAR – WIFE – MOBILE – PIANO - PET

Chocolate

What happens with the chocolate? What was your favourite meal when you were 4 year old? Do not remember? What has happened to the memory?

Elaboration

Circles - associations

Step 1 – for two minutes go and say associations, the first thing that comes to your mind one after another

Step 2 – go back I said this because you said that how much can you go back

Associational fluency

Coat of Arms /motto/Logo

Think of your style of teaching, your students, your field of studies, experience, your greatest achievements ... and based on those reflexions, create your personal academic or teaching coat-of-arms, or logo, or motto or brand. It can be on paper or in your computers, mobiles...

Coins (2')

We have a square made of four coins at each side. Make a different square whose sides would consist of six coins.

Adaptive flexibility, symbolic

Dad

Where is Daddy?

Right now Mum is 21 years older than her child. In 6 years her child will be 5 times younger than she. Where is Daddy?

As Unreality calculated, the child is -0.75 years old. I did this the easy way, though. If in 6 years the mother will be 21 years older than and 5 times as old as the child, then:

$$5*(X+6) = (X+6)+21$$

$$4*(X+6) = 21$$

$$X+6 = 5.25$$

$$X = -0.75$$

So, at present the child is three quarters of a year before being born. Three quarters of a year is nine months. Nine months is the average gestation period of a human. Assuming a perfect pregnancy, Dad should be with Mom in a very intimate fashion right now.

Adaptive flexibility, symbolic

Ears (2')

I have a sound for you. Write down as many things it can remind you of? What could that be?

Spontaneous flexibility, audio

Eyes <https://www.pcmag.com/news/21-optical-illusions-that-prove-your-brain-sucks>

Spontaneous flexibility, visual

Free choice (2')

Write all the advantages and disadvantages of free choice you can think of.

(First go through the adv-s then, disadv-s. Who had more adv-s then disadv-s?)

Elaboration/Originality

Friends (1')

Write down what makes a friend friend.

Ideational fluency/Originality

Habsburgs

Listen to the two stories, think of the audiences each of them can be appropriate for. Is any of them more interesting to you personally? How do you adapt your teaching to different audiences?

a) Once upon a time, there was a House of Kings. They lived in a small country but wanted to rule bigger lands. They were not very good at making wars, so they tried another way and enlarged their kingdom by marriages. It worked. Step by step, marriage by marriage, they managed to build a great empire. Kings and queens ruled happily over their empire, but one day, a cousin from a neighbouring country, who loved warfare, came to visit the King and suggested that another neighbour had offended the King. The king was not willing to react because he knew that the only response to an offense or insult was war, and war was something he was not good at. But the cousin insisted and kept bringing new reasons why the war was necessary, so finally, the King agreed and together with his cousin attacked their neighbour. Because warfare was something this House of Kings was really not good at, the King lost. But he did not lose only the war, he lost the empire and his House never ruled any kingdom, not even a small one, ever again.

b) The Habsburgs was an extremely influential royal family. They started small, at the castle of Habichstburg in Switzerland in 11th century. The family gained momentum primarily through politically beneficial arranged marriages in 1273, when Rudolf became the Roman German King and moved the family seat to the Duchy of Austria. In 15th century, continuing with the practice of politically motivated marriages, Fredrick married his son Maximilian to Mary of Burgundy and acquired what is today the Netherlands, Luxembourg and Belgium. Maximilian's son, Philip the Handsome, became ruler of Burgundy in 1493. Then, he married Joanna of Castile, and his eldest son, Emperor Charles V, inherited not only Austria, Southern Italy and Castile and Aragon, but also the Spanish colonies in the Americas. In 1526, Hungary and Bohemia were also added to the dominions, through marriages. The Habsburgs had become a world power, ruling an empire on which the sun never set because it was so extensive that at least one part of their territory always had daylight. Their matrimonial achievements brought the famous hexameter *Bella gerant alii, tu felix Austria nube* ("Let others wage wars: you, fortunate Austria, marry"). Later, the Habsburg dominion remained in central Europe only. In 1908, Emperor Franz Joseph annexed Bosnia Herzegovina, which made neighbouring Serbia angry. In 1914, Archduke Ferdinand, the heir to the throne, was shot during a visit to the Bosnian capital Sarajevo, by a Serb nationalist. German Kaiser Wilhelm II pressed Franz Joseph into reaction, and two months later, the First World War began. It lead to the disappearance of the Habsburg empire. The last emperor Charles was sent into exile to Madeira in 1919 and the Austrian Republic banned any member of the family from Austria unless they renounced their claim to the throne.

Flexibility

ISAWR - Sentences (2')

Write as many sentences as possible where given words start with the following letters.

I..... S..... A..... W..... R..... .

Expretional fluency

L&D

Words – LD (2')

Write as many words as possible that begin with ... and end with L.....D

Word fluency

Laboa

Listen to a song the lyrics of which are in a language we do not know.

STEP 1: Write down what you think the song is about.

STEP 2: Write the lyrics. Discuss your lyrics with a partner.

Elaboration/Originality

<http://www.youtube.com/watch?v=tBrebmUVQ6I&feature=related>

Language

Distribute a plurilingual portrait picture to the class and invite them to draw a multi-colour portrait of all the languages they speak or have some knowledged of

Elaboration



Latin

Correct the equation below without changing anything that is written.

Adaptive flexibility, symbolic

Correct the equation below without changing anything that is written.

$$XI + I = X$$

Lies

The Liar, The Truth Teller and The Random Answerer

There is a truth teller (always tells the truth), a liar (always lies), and one that sometimes answers truthfully and sometimes lies. Each man knows who is who. You may ask three yes or no question to determine who is who. Each time you ask a question, it must only be directed to one of the men (of your choice). You may ask the same question more than once, but of course it will count towards your total.

What are your questions and to whom will you ask them?

Path (Maze) (2')

Look at the maze and find your way from the place S (start) to the F (finish).

Pespectives

Choose one situation and divide the group into different groups of diverse stakeholders. Then, let each group discuss their perspective within that group. Then, each group can summarise what they have been talking about but do not say "who" they are. The others have a guess who they could be. Then, the situation can be discussed from more points of view in the whole class.

The topic is: What is the point of university education?

The perspectives are:

STUDENTS: What do students aim for at unviersity?

TEACHERS: What do teachers aim for at unviersity?

PARENTS (FAMILY, THOSE WHO SUPPORT FINANCIALLY): What do parents/families/those who support students financially aim for at unviersity?

RECTORS/UNIVERSITY MANAGEMENT: What do rectors and university management aim for?

MINISTRY/GOVERNMENT: What do Ministers of Education/Government want from universities?

Property

I just found a number with an interesting property:

When I divide it by 2, the remainder is 1.

When I divide it by 3, the remainder is 2.

When I divide it by 4, the remainder is 3.

When I divide it by 5, the remainder is 4.

When I divide it by 6, the remainder is 5.

When I divide it by 7, the remainder is 6.

When I divide it by 8, the remainder is 7.

When I divide it by 9, the remainder is 8.

When I divide it by 10, the remainder is 9.

It's not a small number, but it's not really big, either.
When I looked for a smaller number with this property I couldn't find one.

Can you find it?

The number has to end in 9.
Looked brute force for small numbers.
59 and 119 were promising, but no cigar.

Then looked for agreement among
39 + multiples of 40,
69 + multiples of 70 and
89 + multiples of 90
Smallest one was 2519. (*Did you enjoy it? How did you proceed? When did you give up? ...*)

Questions

Have a conversation in questions only.

Example:

A: What is the time?

B: Why do you think I should know? → A: Don't you always know?

→ B: ...

B: Why are you asking me? → A: Do you want me ask someone else? → B: ...

B: What do you need it for? → A: Do I have to tell you? → B: ..

Expretional fluency

Scientist (2')

What makes a scientist good scientist?

Shapes (2')

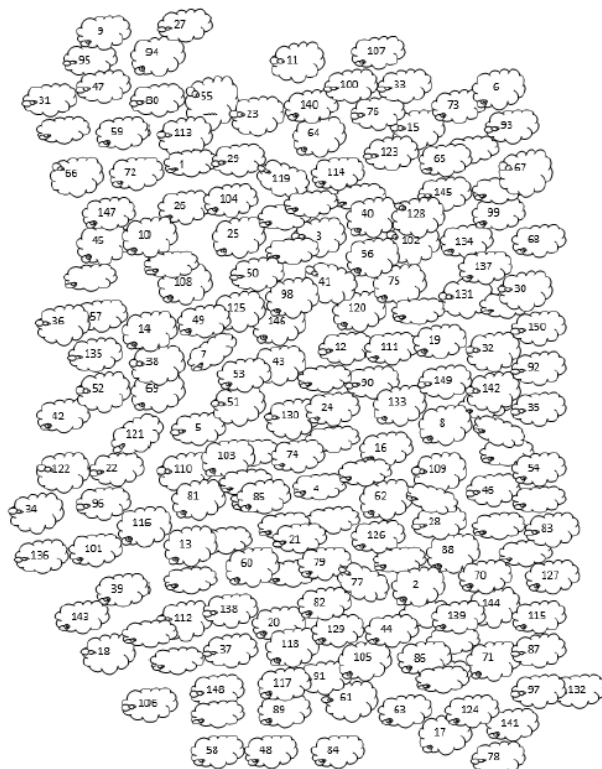
Finish the five shapes to make some drawing. Each must be separate and different to the others.

Elaboration

Sheep (3')

Find as many of the sheep in the picture as possible. Start with the number 1 and continue in the numerical order 1-2-3- ...

Adaptive flexibility, symbolic



Sticks

You have six sticks and your task is to make four triangles out of them.

Adaptive flexibility, symbolic

Time

Can you define time? Look at some characteristics, such as PACE, DURATION, CYCLES, TRAJECTORY and differences of times, such as NATURAL TIME, STATE TIME, FAMILY TIME and think of some examples. Then, compare your ideas with a person/people from different cultures.

Women (2')

What would be different if our society was created 5,000 years ago and run since by women. has been developing in their sake for their sake and men were the unequal part.

Potřeba: papír, něco na psaní