





Cardiff Prifysgol Metropolitan University Caerdydd



UNIVERSITY OF APPLIED SCIENCES AND ARTS







SYD

WHY?

1

The FUTE (Future Teaching) material is the result of a collaborative project among teacher educational institutions and schools in France, Belgium, Wales, Denmark and Finland and Design School Kolding, Denmark.

The FUTE hypothesis is that by involving pupils more extensively in the planning and execution of teaching, and by bringing more meaningful and real-life problem solving into the classroom, pupils will be more engaged and teaching can become more collaborative and interesting. The aim of the project is to transfer design thinking and co-creation methods to the classroom, creating a modern approach to teaching where challenge framing and problem-solving skills, which can boost innovative thinking, are put at the forefront.

With support from the FUTE material broader, interdisciplinary issues like understanding climate change or homelessness can become cross-disciplinary project courses using design thinking and design methods. The purpose would be to help teams of teachers and the pupils to frame a problem and create a solution doing research and analysis and then craft a tangible solution to a problem (e.g. a new playground for the neighbourhood kindergarten where children can learn about climate change or a 'Home in a Backpack' for homeless people).

Such an approach to learning and teaching can be incorporated into an engaging collaborative process that also develops innovation skills.

Some problems within the schools are of a more general nature relating to class management or interactions between the school and the surrounding community. The present Method Collection includes some techniques that can be used as a collaborative approach to framing and understanding the problem in depth suggesting new innovative solutions that commit everyone involved in new ways. Teaching and learning are, of course, still very much invested in specific subjects or academic areas, but the material can help teachers create a more varied and collaborative approach to the subject by using the methods in this collection.

WHAT IS DESIGN THINKING AND METHODOLOGY?

Over the last 50 years design has changed substantially, from being an activity with the aim of producing physical products – fashion, graphics, interior decors etc. – to becoming an all-round approach to the innovation process. This approach can be used in all kinds of innovation: products, services and experiences, in private companies but also in the public area – what is called a Design Thinking approach.

Design Thinking means creating a relevant or interesting framework or perspective on an issue or problem by "opening it up": asking lots of questions, challenging and possibly reframing it, to discover and identify the real or most interesting problem that needs to be solved. Different visual tools and prototyping tools are then used to research, quickly test and iterate concepts and solutions in the process and to communicate potential solutions.

The design-oriented process and solution combine attention to usability, feasibility and aesthetics.

Design Thinking focusses on doing things, and a design "thinking" process is therefore a very tangible and pragmatic approach to innovation, where insights and results are documented and communicated visually and in a way that is easily understood and shared inside a design team and also outside.

The Design Thinking approach is not a simple five-stage gate process as many Design Thinking maps show, but more like a creative "dance" between different and opposite positions or states that push the innovation process forward from understanding what already exists to developing ideas about what could be and

FITE

will be developed:

2

- Between finding problems and creating solutions
- Between choosing the framework and dealing with detail
- Between analysis and synthesis
- gent (closed) thinking
- Between abstract (thinking) and practical/tangible actions
- Between working by yourself and cooperating with others
- Between developing an idea and communicating about it
- Between dealing with aesthetics and with technology and functionality

Design Thinking is complex but fun because it creates the kind of engagement and critical reflection that is needed to truly innovate. If done properly, it is a journey of learning and exploration!

WHO IS THE TARGET?

The FUTE method collection is a set of materials specifically adapted to teachers and children within primary and secondary education in the EU with no previous experience of using design methods.

WHO CREATED AND ASSEMBLED THE **FUTE MATERIAL?**

The methods in the FUTE method collection is an amalgam of accumulated practices, approaches and methods from design practice, applied anthropology, marketing, creativity and organisation theory, management thinking and various other areas.

The model, description and organisation of the methods are adapted from The 5C Model of Design Methods and Knowledge and the DSKD Method Collection developed in 2011 by Associate Professors: S. A. K. Friis and A. K. G. Gelting at Design School Kolding in Denmark.

A new version of the models and the method collections was launched in 2014: The 6C Model and The Co-Create Collection. This material is independently authored by Associate Professor S. A. K. Friis and published by U Press in Denmark. Between divergent (open) and conver- The model and Method Collection have been used since 2011 with great success at design schools and universities inside and outside Denmark.

> The present FUTE material has been developed by Anne Katrine G. Gelting and Laila Grøn Truelsen, who both have design backgrounds and are presently working on teaching and development projects at Design School Kolding in Denmark. Thanks also to Illustrator Kristian Kristensen who developed the character illustrations.

> Input for the development, choice of methods and examples of how to use the Method Cards come from the Partners of the FUTE project:

France, Reseau Canopé 42:

Atelier Director Arnaud Zohou, designer and teacher Charlotte Delomier and design teacher Apolline Roux,.

Belgium, Hogeschool PXL:

Head of Research at the Centre for Educational Innovation in Educational Sciences Wouter Hustinx, PhD in Educational Sciences Marie Evens and PhD in Educational Sciences Stephanie Lem.

Wales, Cardiff Metropolitan University: Professor of Education and Associate Dean for Research Gary Beauchamp and PhD student and research assistant Isabelle Adams,.

Finland, University of Turku: Adjunct Professor Päivi Granö and Lecturer of Craft Education Satu Grönman,

Denmark, University College South Denmark: Associate Professor Per Holst Hansen and Senior Lecturer Rasmus H. Jensen,

FITF

З

FUTE: HOW TO USE THE MATERIAL

WHAT DOES THE FUTE MATERIAL **INCLUDE?**

The FUTE material consists of a series of documents that can be downloaded from a FUTE website, intended to be printed and shared with teaching colleagues and pupils. It comprises five different elements:

A) The document you are reading right now that describes WHY the material was made, WHO has developed the material, WHAT the material contains and HOW it can be used and 09. The 'To Do' List for what.

B) Two process maps for printing and posting in the classroom that provide an overview of the method categories and the methods and also a process map that can be used as a quide.

C) A collection of 42 method cards to be printed and distributed to pupils or teams, including reflection cards after each step for reflecting upon the process, the methods used and insights gained.

D) Teacher Training material with further explanation, examples and exercises for understanding and learning to use the material with collegues and pupils.

HOW ARE THE METHODS ORGANISED?

The 42 method cards in the FUTE collection of methods are divided into five categories:

EIGHTEEN PROCESS METHODS that are designed to be used throughout the process. Six methods concentrate on collaboration and the dynamics within the team; six methods are about framing a challenge and evaluating the information and ideas, and six methods focus on communication and visual tracking within the team and on presenting to people outside the team.

Collaboration Methods

- 01 Team Rules
- 02. Knowledge and Expertise Map
- 03. Expectations
- 04. Do the Opposite
- 05. Move
- 06. Flow Writing

Framing Methods

- 07. Challenge Framing
- 08. Fact and Inspiration Finding
- 10. Show and Tell
- 11. Success Criteria Grid
- 12. Telescoping

Communication Methods

- 13. Road Map
- 14. Log Book
- 15. Data Wall
- 16. Pecha Kucha
- 17. Pitching
- 18. Storytelling

TWELWE METHODS FOR UNDERSTANDING

WHAT IS: These methods focus on gathering and visually analysing information and inspiration in order to create learning and insights.

ΓΓ

Research Methods

- 19. Personal Stories
- 20. Desktop Research
- 21. The Anthropologist
- 22. The Photographer
- 23. The Journalist
- 24. The Experiment

Analysis Methods

- 25. Clustering
- 26. Visualising Data
- 27. Biography
- 28. Day Cycle
- 29. Personas 30. Analytical Diagrams

TWELVE METHODS FOR CREATING IDEAS ABOUT WHAT COULD BE: After you have completed the research, analysed the information and decided what you want to focus on, you have a base from which you can ideate and create.

Ideation Methods

31. What IF?32. Inspiration

4

- 33. In the Future
- 34. Multi Perspectives
- 35. Creative Constraints
- 36. Brainstorm

Creation Methods

- 37. Informing by Characters38. The Muse39. The Relay40. Prototyping41. Video prototyping42. Pala play
- 42. Role play

HOW TO USE THE FUTE METHOD COLLECTION?

As mentioned earlier, the FUTE material can be used for planning more varied teaching experiences within existing curricula and subjects, involving teams and pupils in colearning and, most importantly, teaching pupils to work with framing and solving problems or challenges and to develop innovation skills.

The FUTE methods, as proposed here, outline an exact time frame, what kind of material is needed and a specific "how to" step-by-step approach for each method. It is important to understand that these are suggestions only, and the methods can and should be adapted to each team, age group and to specific projects in relation to time frame, materials used and steps taken. When you are intimately familiar with the methods, try to play around with them and adapt them to your needs and preferences.

The Method Collection's 42 methods have different purposes and are placed in different categories to fit into a classic innovation and design process with consecutive phases of research, analysis, ideation and creation. They are intertwined with "pit stops" all along the process for working with collaboration, framing and communication methods (see the FUTE process maps). This way of organising the methods and the sequence might not suit your purposes, and therefore we invite you to reshuffle and change them as much as you need. However, since design methods and Design Thinking may be new to most of you it is necessary to take the time to first understand the Method Collection and then teach the pupils to use the methods progressively and systematically. It is a good idea to select a few methods from each category and try them out first with the pupils.

We suggest two different approaches to introducing the methods when working with a project:

When teaching younger pupils:

1) Read through the material.

2) If you are doing a project, plan the process, the project or the course, selecting one or two methods from each category (refer to the cases presented later). Plan how you want to work through the phases, if and when you are going to do mini-presentations and how the results will be presented.

3) Present the methods that will be used one at a time, help the pupils use the method and be sure to create a tight framing for the use of methods – time spent, results expected and deadlines for mini-presentations and end presentation.

4) Start the process!

When teaching older pupils:

1) Read through the material and examples of how to use the methods.

2) Plan the process, selecting two methods from each category that the pupils have to use (refer to the cases presented later). Plan how you want to work through the phases, if and when you are going to do mini-presentations and how the results will be presented.

3) Present the process and the different phases to the pupils: Research, Analysis, Ideation, Creation and Process Methods.

4) Print out all the method cards for each team.

5) Point out which methods the pupils should use and then make them do the "Road Map" method from the Process Method category and make each team or pupil present their process map on a poster.

6) Help the teams work through the different methods and phases and be sure to make the pupils evaluate the process along the way; re-evaluate their process and collaboration issues using the different Process Methods.

A generic suggestion of methods for a typical innovation project in a team could be the following:

Start by establishing **Team Rules** (method no. 01) and maybe talk about your **Expectations** (method no. 03). Use the **Challenge Frame** (method no. 07) to discuss the focus of your work and **The 'To Do' List** (method no. 09) to plan the work and do the **Road Map** (method no. 13).

Then establish a **Data Wall** (method no. 15) and/or a **Log Book** (method no. 14) using either cardboard and books or digital software and boards to create a shared visual representation of the work that has to be done.

Do the initial research using **Desktop Research** (method no. 20) and maybe The **Anthropologist** (method no. 21). Analyse the research by using **Clustering** (method no. 25) and maybe **Personas** (method no. 29) or **Analytical Diagrams** (method no. 30).

Take a break and revisit some of the process methods: See how you are doing in the group by looking at your team; maybe you need to revisit the **Team Rules** (method no. 01) and also use the **Do the Opposite** (method no. 04) to be more creative or use **Flow Writing** (method no. 06) to learn what each team member is thinking about the project.

Do a second round of **Challenge Framing** (method no. 07), use **Telescoping** (method no. 12) to reframe the challenge and decide which one you are working with. You may also need to revise the **Road Map** (method no. 13), the **Log Book** (method no. 14) and the **Data Wall** (method no. 15).

Continue with the Ideation Methods, maybe using **Inspiration** (method no. 32) or **Brainstorm** (method no. 36). Subsequently use some process methods like **Telescoping** (method no. 12) to choose which ideas you want to develop further. You may have to establish some **Success Criteria** for the project (method no. 11) to make it easier to choose the right ideas.

The next step is to develop the chosen idea or ideas using some Creation Methods: If you need some inspiration for stimulating the process you could do **The Muse** (method no. 38) and then perhaps **The Relay** (method no. 39) to begin creating solutions and detailing the idea together as a team after which you proceed to *Prototyping* (method no. 40).

Eventually you need to present your idea, and here you can use **Pecha Kucha** (method no. 16) for a short dynamic round of presentation.

In a typical design process one would go through this process several times rather quickly, iterating through phases of collaboration, challenge framing, researching, analysing, ideating, creating and communicating. The methods can be used in that order but again, this is a suggestion, and you must establish how and in what sequence you think the methods can be used in your teaching,

FITE

5

6

FUTE: HOW TO USE THE MATERIAL

and which ones are suitable for the age group and learning journey you are on. You need to try different approaches and also allow for trial and error, as having a hands-on experience and allowing for mistakes are vital elements of a design-oriented innovation journey.

As mentioned in the introduction, one of the main goals of introducing Design Thinking in schools is to create an innovative mindset and therefore to teach pupils and teachers to work with challenge framing and idea development. Here are some examples of how it can be done starting with different types of motivation:

Projects or courses based on the pupils' perspectives or interests:

Start by making the pupils ask themselves or each other what they are interested in, what they do in their spare time, what they like and what they are good at.

They then formulate problems, issues or challenges and try to understand whether they all face the same challenges and problems. The next step is to develop solution concepts and prototypes.

For example, if there is a keen interest in computer games, what are the challenges: limited time to play, social isolation, lack of physical activity, areas of the body that hurt because of monotonous use of arms and fingers? The of furniture. Developing this concept involves doing research into what kind of damage gam- Projects or courses based on academic ing can do to the body, learning about sports training programmes, biology and physiology or the many different subject areas that would be involved in designing, constructing and launching a new piece of gaming furniture on the market: materials, applied geometry, form and aesthetics as well as socio-cultural issues of creating a material object that needs to fit into daily life and a home's interior decor.

Projects or courses based on crossdisciplinary problems or challenges:

Broad concepts like biodiversity or sustainability, immigration, inequality or "peace" but also more specific issues like social media, food waste, stress or lack of areas for children to play in the city could be interesting starting points for a cross-disciplinary course.

Based on these broad concepts the pupils should ask each other how they experience the issue, do research amongst their family and friends and engage in further desktop research on the subject chosen.

On the basis of those results they formulate specific challenges to investigate and work with, for example, "How can young girls be made aware of how social media influences them?" or "how might we create habitat areas for bees and insects in our schoolyard?"

Working with such problem areas would require the pupils to gather knowledge about the functionality and programming of social media, to study the natural habitats for bees and insects and the impact of a lack of biodiversity on humans.

This would create a motivation for investigating certain aspects of for example biology, psychology and computer programming.

To create solutions the pupils would also have to learn how to create a website, design a campaign, solution and the concept presented could be a build a bee hive or plant flowers that would attract training programme for gamers or a new piece bees and insects and other kinds of subject areas.

concepts, phenomena or objects:

The methods in the collection can also be used to create a learning experience and a course based on specific academic subjects like history, arts and crafts, home economics and math. For example the teacher of history could ask the pupils to research different wars or revolutionary periods and events in their own country and then create a board game that would illustrate the relationships that lead to the situation.

FIT

7

FUTE: HOW TO USE THE MATERIAL

Another way of working with the methods in the collection could be in mathematics, where pupils could be asked first to define, research and then plan a holiday making them learn about distance calculation, VAT, use of percentage, time calculation etc

In arts and crafts the pupils could be asked to design a product that would keep people warm in a cold winter. The teacher could take the class to a sledding hill for the next lesson to observe what kind of products are used there and then frame challenges and opportunities for new products that the pupils can then develop and craft.

To give you more inspiration, here are two case studies highlighting two types of challenges. They exemplify specific methods and actual experiences collected from the partner schools in the FUTE project.

the school a better place"

A large team of teachers and pupils across a school began to plan a project to make their school a nicer place for everybody. They used As part of the arts and crafts programme at a Expectations (method no. 03) for sharing what specific changes they would want the project to bring to their everyday school life: An end to bullying, better physical surroundings, better Framing workshop (method no. 07) the problems were reformulated as challenges such as: "How can we improve every classmate's enjoyment of school days?" or "How can we ensure that everyone has a friend?" "How can we make lunch break a calmer experience?" "How can we make it more fun to exercise during school?"

A team of eighth graders was in charge of the project to improve pupils' eating habits. They started by gathering information they already had about the topic using The Anthropologist (method no. 21) and The Journalist (method no. 23). The next step was using Clustering

(method no. 25), to sort the information into three categories: physical space, food and behaviour. They also mapped their insights using Day Cycle (method no. 28) to learn how the canteen was used during the day. They used Personas (method no. 29) to create four fictional characters who represented different types of pupils in the school, for instance "Thomas," a 16-year-old in his final year of school, who loves fast food and hanging out with friends and "Sarah," a 13-year-old guiet girl, who prefers to chat with her friends and brings her own food to school, etc. This approach allowed the team to identify new possibilities for creating different areas of the canteen for different types of behaviour and also using the canteen outside of the lunch hour for different activities. The team then used Prototyping (method no. 40) to create three prototypes, scale models of the new canteen made out of paper, cardboard and small objects. and applications and are derived from ideas The approach enabled the team to discuss and evaluate the design of the new canteen. Finally, the strongest elements of the three prototypes were combined into one prototype that was presented to Challenge 1: Using design method for "making several stakeholders such as pupils and teachers.

> Challenge 2: Using design methods in arts and crafts teaching

nearby secondary school, the staff of a retirement home had invited a class to help redecorate the home's lounge, which the nursing home staff found boring and clinical. The craft teachers and pupils eating and exercise habits, etc. In a **Challenge** used **Fact and Inspiration Finding** (method no. 08) to plan how they could gather inspiration and knowledge about the needs of the residents and their taste in colours and themes. First they created a process map using Road Map (method no. 13). The average age of the residents was over 90, so the pupils had to carefully plan how to initiate a conversation with them about a pleasant lounge environment. As a result of thorough consideration, the pupils used The Journalist (method no. 23) and conducted interviews, asking residents about their favourite seasons, colours, landscapes and childhood memories. They also used The Photographer (method no. 22) to collect pictures of favourite belongings at the retirement home. The project continued as art workshops with the pupils,

FUTE

residents, family and staff using Multi Perspectives (method no. 34). Along the way the pupils also used Challenge Framing (method no. 07) and Success Criteria Grid (method no. 11) to specify that they wanted to create a decoration piece that related to the residents' stories and lives and also clarified what aesthetic criteria it should fulfil. The arts and crafts teacher felt that the pupils' original design ideas lacked richness and personality, so she gathered the pupils to do Show and Tell (method no. 10) during the sketching and designing segment, but also during the testing and making part. As a result the pupils came up with new ideas by sharing their work with others, which allowed the class to evaluate, elaborate, inspire and ideate together.

6

6

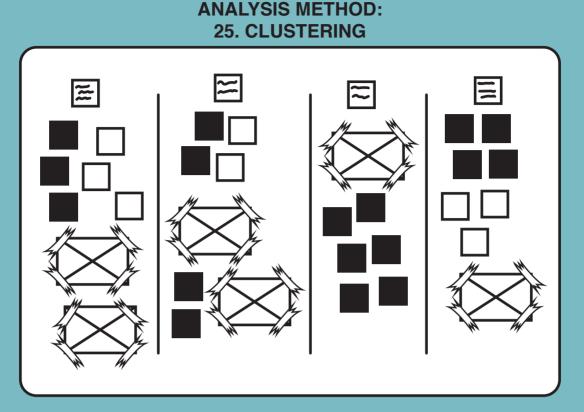
C

6

C

C

8



25. CLUSTERING

This method is a way of discovering what categories emerge from the research collected. You sort and place the collected information and research on a shared board, using closeness or distance to map out and clarify relationships and differences between research data in a visual and tangible way. This makes it easier to understand a subject and create new knowledge or develop ideas in project work.

Materials needed: Either a large sheet of paper or cardboard, printed photos and paper or a digital online shared board e.g. padlet, where you can upload and move photos and notes around.

Time required: 30–45 minutes.

How?

1) Find a space on a wall or on a desk and put up the information gathered in the form of notes on post-it notes, small photos or drawings, pieces of text, etc.

2) You can do Clustering in different ways: - Cluster the bits of information by placing information/pictures close to similar material and then find titles or headers that emerge for the different clusters and find relationships between them.

Choose some predefined categories like: "location, time and size", or "facts, opinions, ideas and challenges" or: hierarchies like "often, seldom, low and high" and categorise the information accordingly.

What's next: You could use the Analytical Diagrams (method no. 30).

ANALYSIS METHOD: 26. VISUALISING DATA

26. VISUALISING DATA

A diagram, pie chart or other graphic elements that depict relationships or the relative size or percentage of something is often easier to grasp in one glance and communicate than a lot of data and statistics explained in a long and complicated text. Data visualisation can create new insights because the relationship and the categories and hierarchies are immediately visible. Graphics are also an excellent communication tool.

Materials needed: Paper to sketch ideas and computer software to create illustrations and diagrams.

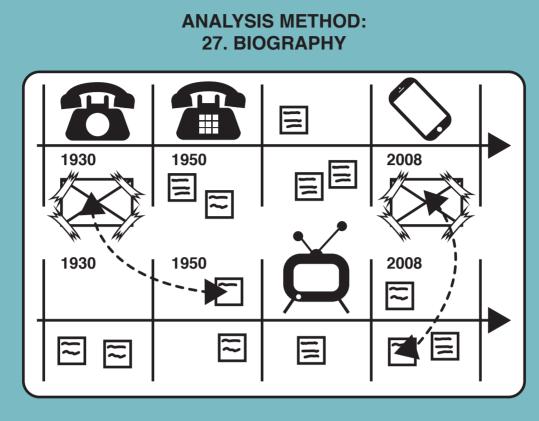
Time required: It depends on the number of and complexity of the data visualisation.

How?

1) Start by studying the data and the information collected. Which data is the most interesting and relevant?

2) Generate ideas for how to visualise the data. Here you can use traditional diagrams like pie charts or bar charts or columns. You could also get inspiration by looking on the Internet and seeing how data visualisation experts are doing it. Think of new ways of illustrating percentage, size and relationships, etc. by using for example objects and photos that would be relevant to the challenge. Use colours!!

3) Look at what you are doing with a critical eye: is it easy to understand, helpful and simple? Is it a truthful representation of the data and the information? If not, then continue developing the visualisation.



27. BIOGRAPHY

The biography method looks at the challenge and related subject areas and what has happened historically, finding relationships, topics and patterns in what has happened to better be able to understand what is going on today and also what might happen in the future. Learning from the past!

Materials needed: Computers, the Internet, a library, paper, pens or an online shared digital board e.g. padlet.

Time required: 45 minutes to half a day.

How?

1) Gather historical data: photos, statistics, articles about themes, information and facts that are relevant to the project.

2) Create a timeline where you highlight the important dates or events, objects or individuals you have discovered.

3) Create a second timeline containing for example technological changes, historical events and cultural trends that occurred during the same period and compare the two timelines.

4) Can you see any patterns or relationships between the two timelines, for example in the way important technological changes or cultural trends have influenced the facts or data collected? What does it mean in relation to your challenge? Are there any other insights that have resulted from this exercise?

5) Take pictures or save the timelines and write down the discussion and insights gained and consider what you want to do with that new knowledge.



28. DAY CYCLE

The Day Cycle is quite simply a way of looking at for example a phenomenon, a person's activities or what is happening at a specific site during a day and then mapping those occurrences visually. This approach often uncovers challenges or patterns that might be interesting and relevant for your work or the challenge you are interested in.

Materials needed: Board and tape/pins, pens or computer software that allows you to assemble, show photos and draw diagrams.

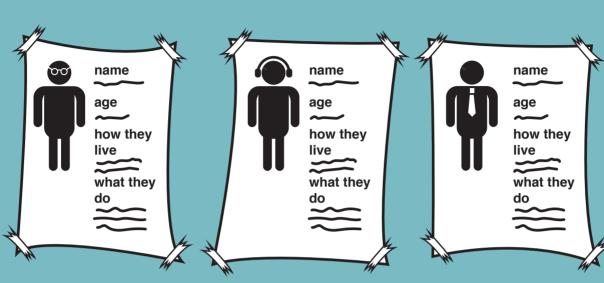
Time required: 45 minutes–1.5 hours.

How?

1) Take the information or data you have gathered – photos, statements and objects and organise it according to a timeline of 24 hours or a day cycle.

2) Ask yourself: Where are the persons, the objects, or what is the situation at specific moments of the day or night? Who are they with? What are their thoughts and needs? What kinds of objects are they using? What is happening?

3) Look at the 24-hour timeline and information posted and discuss what you can see: are there any moments of the day where there are some interesting issues, actions or things happening? Is there a pattern or a challenge that becomes apparent?



ANALYSIS METHOD: 29. PERSONAS

29. PERSONAS

This method transforms research and information collected into fictional characters that give an impression of how real people might relate to your project or use the product you are creating.

Materials needed: Photo equipment, notebooks or paper and pen, paper, glue and pencils or picture editing and layout software.

Time required: 1.5 hours to half a day.

How?

1) Start by collecting data about different target groups that are relevant to your challenge by using The Anthropologist (method no. 21) or by using Desktop Research (method no. 20). You need to collect data about several people within each segment or target group to make the information valid.

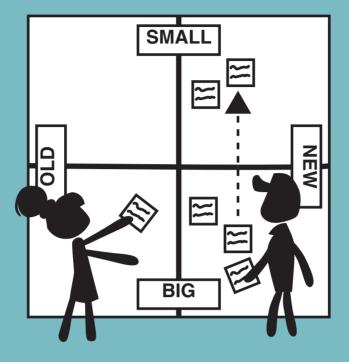
2) Cluster the information about each group on a large sheet of paper or on a computer using notes, photos and illustrations.

3) Brainstorm about every target group and try to describe their daily life, hobbies, their values and dreams, their tastes and preferences.

4) Create a fictional person for each target group that includes the general characteristics you have brainstormed about, with as much detail as possible: name, age, appearance, how they live, what they do, etc.

5) Place these personas on a shared space so you can see them at all times. This can inspire and guide you in developing a solution or provide answers that fit your needs and the challenge in a more tangible way than statistics, or a series of statements from the research would do.

ANALYSIS METHOD: 30. ANALYTICAL DIAGRAM



30. ANALYTICAL DIAGRAMS

One way of analysing a set of elements, data and information is by organising and visually placing the elements collected in different diagrams: three overlapping circles, one axis or a double axis placed in a cross with opposite analytical criteria. The criteria emerge from the analysis of your research and what you find relevant to the challenge.

Materials needed: Blackboard, cardboard, smartboard or sharable online board e.g. padlet, where photos and notes can be uploaded and moved around.

Time required: 45 minutes.

How?

1) This method is often useful after doing Clustering (method no. 25). Where Clustering is looking for emerging patterns in the research material this method makes you relate the research data to certain criteria you decide are relevant for the challenge you are working on. **2)** Discuss and agree on which two, three or four criteria you want to use to map out the data or information: Different groups of people who have different but also overlapping opinions, bright versus dark, teens versus adults, small versus big and organic versus geometric. The possibilities are endless and can be really simple analytic criteria or more abstract ones.

3) Use post-it notes, images or notes and place them one by one in the diagram discussing along the way whether they are being placed in the right spot.

4) Step back and discuss if each element is placed correctly, move them if necessary and look for patterns and relationships or differences.

5) Are there any empty spaces or tendencies or patterns that you can see? What are they? Why?

ANALYSIS METHOD – REFLECTION



REFLECTION

There are six methods for analysing, visualising and understanding the information and inspiration that has been gathered.

Guide questions for evalulation of the research:

How have you analysed your research?

What are the results of the analysis?

Which insights will you use onwards?

What will be the focus in the project?

Will you need to do more research and analysis?

Why do you need to do more research? In what subject?

What have you learned about the subject or about other things, through analysing the research?