



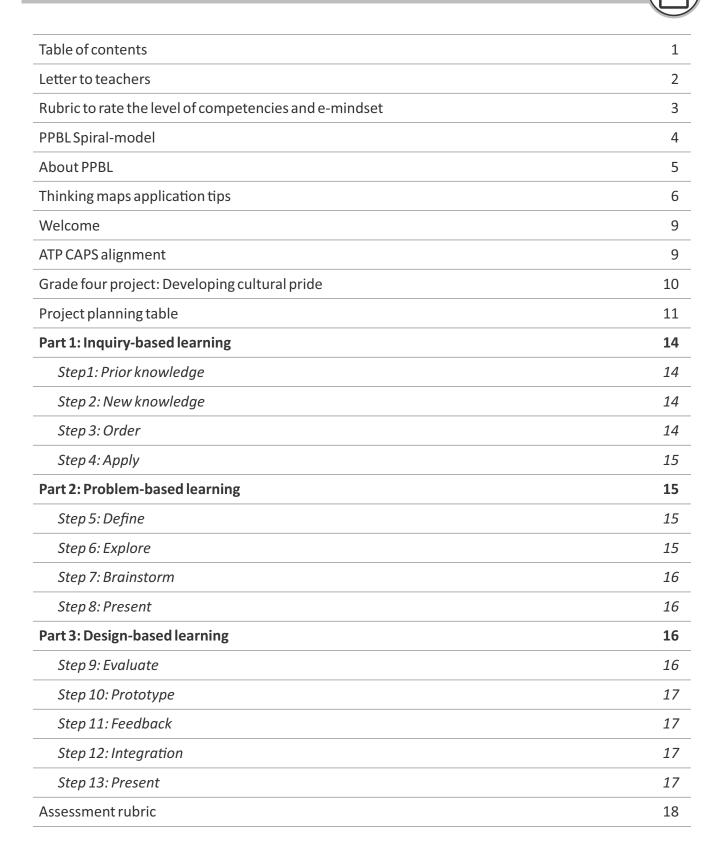
basic education Department: Basic Education REPUBLIC OF SOUTH AFRICA







## **Table of contents**



#### Dear Teacher

We have come a long way since January 2018 when the National Education Lekgotla announced that Entrepreneurship in Schools (EiS) was to become a national priority and that a programme should be set up to investigate how to prepare learners with thinking skills for a changing world.

EiS was rebranded as E<sup>3</sup>, as we felt that learners who were not able or keen to start an enterprise should not be excluded. Hence E<sup>3</sup> was born: Entrepreneurship, Employability and Education for lifelong learning has become the pathway all learners in our country will follow as they find their place in the economy. Playful Project-based Learning was the approach chosen as a method teachers would use for the first trial period, as PPBL has been proven to unlock competencies learners of our century need to thrive in the world after school. These are very clearly indicated in the model on the following pages.

Thus, since 2018, E<sup>3</sup> have been conducting trials in schools using the PPBL method as an approach, especially for Term 3 where the School-based Assessment is a Project. Thus, your work as a teacher has been prepared for you (you may, of course, change what does not work for you).

Provided herewith is a Learner's Workbook and a set of Teacher's Project Notes for the School-Based Assessment (SBA) Task for Term 3, as per the SBA Plan in Section 4 of the CAPS. These documents are specially created to support you as per the trimmed Annual Teaching Plan (Section 3) for Term 3. You will also be provided with the resources learners need to complete their projects

The Learner's Workbook and Teacher's Project Notes were created by DBE-E<sup>3</sup>, our unit at the National Department of Basic Education, and reviewed by our master trainers, who are leader teachers or district officials. For those schools that have been part of E<sup>3</sup> in the past: you will notice that we have added a number of additional thinking skills to the original model – try to engage learners in these "thinking" sessions as this is where their growth lies.

We truly respect your apprehension during this time, and acknowledge your commitment. We appreciate all your hard work.

Enjoy unlocking play in your classrooms and encouraging a solution-seeking mindset in your learners – and remember that our learners look up to us – so let's walk the talk!

Good luck!

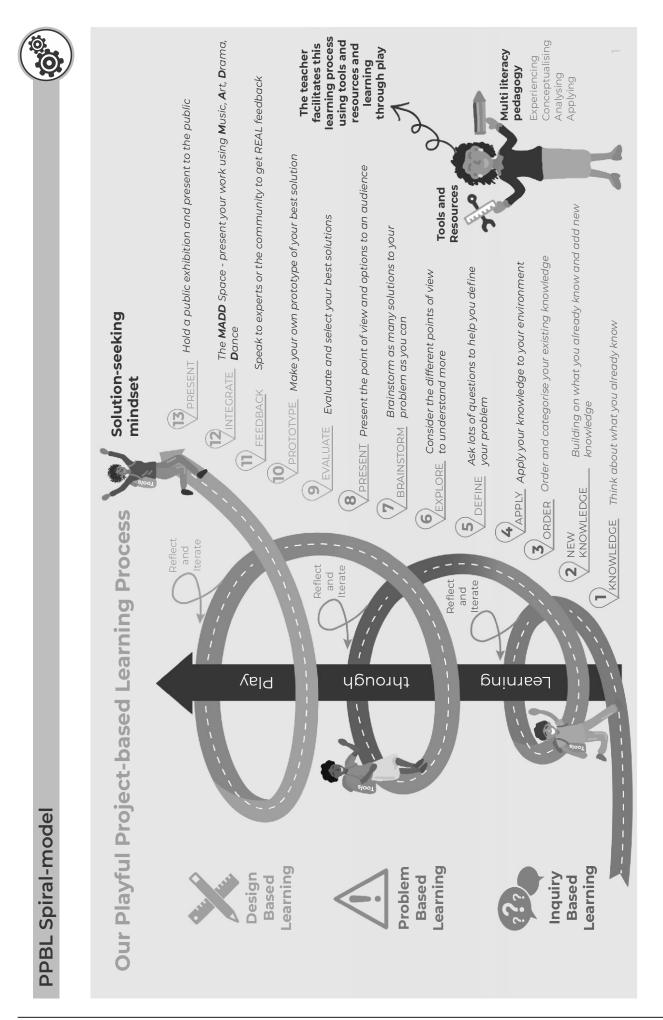
The E<sup>3</sup> team







| Dir          | vour entrepre        | eneurial mindset o            | grow whilst managing this project?  |             | <b>al rating</b><br>=Excellent) |
|--------------|----------------------|-------------------------------|---|-------------|---------------------------------|
|              | , en entepre         |                               |   | Pre-project | Post-project                    |
|              | Character            | Citizenship                   | I am very committed and involved in various activities<br>in my community and people regard me as someone<br>to follow in my circle of influence.   |             |                                 |
|              |                      | Curiosity                     | I am very curious about everything around me and all<br>my senses are alerted to possibilities which I always<br>put into practice.   |             |                                 |
| S            |                      | Resilience                    | When I face challenges I am always excited about<br>the possibilities and I always get up after I have been<br>unsuccessful. I am always enthusiastic about what I<br>have learnt in the process.   |             |                                 |
| LENCIE       | Thinking             | Creativity                    | I always use my imagination to come up with original ideas and/or I am always creating new things.  |             |                                 |
| COMPETENCIES |                      | Critical thinking             | I always form judgements based on my ability to analyse and evaluate objectively.   |             |                                 |
| Ŭ            |                      | Reasoning                     | I always think about things in a logical and sensible way and I always come up with conclusions easily.   |             |                                 |
|              | Collaboration        | Collaboration                 | I always produce good work/things by working well with people (individuals or a team).  |             |                                 |
|              |                      | Communication                 | I am always successful in conveying or sharing ideas or feelings.   |             |                                 |
|              |                      | Empathy                       | I have a highly developed ability to understand and share the feelings of others.   |             |                                 |
|              | Agency               | Growth mind-set               | I am always open to new information and am always willing to change my beliefs, assumptions and actions as a result.  |             |                                 |
|              |                      | Motivation                    | I always do what needs to be done without needing to<br>be influenced by other people or situations. I always<br>find a reason or the strength to complete a task, even<br>when it is challenging, without giving up or needing<br>anyone else to encourage me. |             |                                 |
|              |                      | Internal locus of control     | I am always in control of my life and my work is always<br>my own, and it is because of this that I experience<br>success often. I never blame others or circumstances<br>for my lack of success.   |             |                                 |
| E-MINDSET    |                      | Regulation of emotion         | I always respond to the demands of a situation with<br>emotions that are socially tolerable and sufficiently<br>flexible, to allow spontaneous or delayed reactions –<br>whichever are appropriate.   |             |                                 |
| ≥<br>-       | Self-efficacy        | Tasting success               | I have always done things successfully enough to give<br>me "the taste of success" that makes me motivated to<br>want more, and to believe that I can get it.   |             |                                 |
|              |                      | Socially relatable role model | I have always been fortunate to have been exposed<br>to excellent role models that I can relate to and who<br>make me motivated to want to be like them.  |             |                                 |
|              |                      | Positive support              | I have always been fortunate to have had someone<br>who has been a positive support to me and who has<br>encouraged me and seen me as a person.   |             |                                 |
|              | Solution-<br>seeking | Resourceful                   | I always find quick and clever ways to overcome difficulties and find solutions.  |             |                                 |
|              |                      | Problem solving               | I always find solutions to difficult or complex problems.   |             |                                 |



### About PPBL



Playful Project-based Learning is a **learner-centred**, **teacher-guided** teaching method where learners learn by actively engaging in real world and personally meaningful projects. Playful Project-based learning **connects** what learners learn in school to **real-world issues**, **problems**, and **applications**. If learning mirrors real-life contexts and equips learners with practical and useful skills, we argue that they are more likely to be **interested** in and **motivated** by what they are learning. This includes 21st century knowledge, work habits and character traits that are critically important to success in today's world.

Playful Project-based Learning is **learner centered and teacher guided**, allowing for in depth investigation of a topic. There are three phases to our Playful Project-based Learning approach.

#### Inquiry-based Learning

Learners are given an open question or problem, they then create and answer their own more focused questions, generating conceptual procedural knowledge in the process. At the same time, learners are developing their problem solving and critical thinking skills.

Teachers encourage learners to ask questions, scaffolding them through the investigation process and moving them beyond general curiosity into the realms of critical thinking and understanding.

#### **Problem-based Learning**

Learners work in teams to formulate complex, open problems rooted in the real world, and propose possible solutions.

Following a student-centred approach, teachers scaffold the development of learners' ability to work collaboratively, be self-directed, and to think critically, promoting critical thinking skills, communication skills, and cooperation.

#### **Design-based Learning**

The design phase integrates design thinking and the design process in the classroom. This phase is concerned with how solutions to complex problems might work in practice, in a particular, context. Learners come up with solutions to complex problems by designing, building, and testing prototypes, \*(A "prototype" is a simple model that lets you test out your idea!) that solve some of the problems learners identified in the problem phase.

## Thinking maps application tips



These resources have been created by Thinking Schools South Africa at admin@thinkingschools.org.za

## THINKING MAPS APPLICATION TIPS

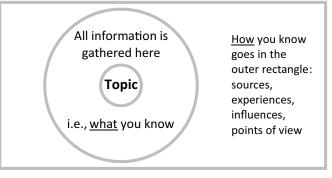
#### When you are **Defining...**

| Key Words used                  | Questions asked                   | Applications                           |
|---------------------------------|-----------------------------------|--|
| Tell me everything you know     | What do you think this word       | Formative Assessment of what           |
| about this topic, List, Define, | means? What did we learn about    | students already know about a          |
| Note the key points, name all   | this topic? What are the main     | topic. This includes misconceptions,   |
| the types (of fractions,        | issues raised in this video/book? | which you can be aware of.             |
| forces, habitats, plants,       | What are all the points you want  | A starting point to gather all ideas – |
| animals, qualities, points of   | to make (or learn) about this     | firstly your own, and then perhaps     |
| interest) in this topic.        | topic? What are all the ways of   | more from peers, video or written      |
| Brainstorm, discuss.            | getting to this answer/number?    | material; or pre and post revision.    |

#### ...then the Thinking Map to use is

Note: You can use the Circle Map to measure growth in your thinking, such as checking and selfcorrecting information that is incorrect and adding new information in a different colour.

#### THE CIRCLE MAP



#### When you are **Describing...**

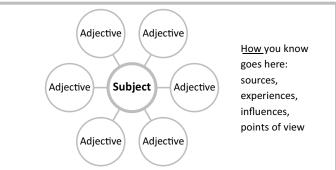
| Key Words used                 | Questions asked              | Applications                                     |
|--------------------------------|------------------------------|--|
| Describe feelings, attributes, | How would you describe       | Generate rich and original adjectives before     |
| characteristics, properties,   | this in your own words?      | writing – to describe a setting, a character, or |
| adjectives, qualities. Use     | What is this really like?    | situation. Consider the properties of            |
| each of the 5 senses to        | Which words would you        | materials or visuals in Natural Science,         |
| explain how it feels, smells,  | use to paint a vivid picture | Design and Technology or Art.                    |
| sounds, tastes, looks.         | of it in your mind?          |  |

#### ...then the Thinking Map to use is

Note: The Bubble Map is for <u>adjectives only</u>.

It is not a Spider Diagram! (If you are looking for a Spider Diagram, either collect main ideas in a defining Circle Map or main headings in a classifying Tree Map, in which case you can also add sub-points under those headings).

#### THE BUBBLE MAP





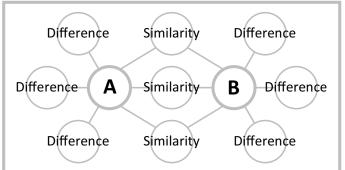
#### When you are **Comparing and Contrasting...**

| Key Words used            | Questions asked                    | Applications                            |
|---------------------------|------------------------------------|---|
| Compare/contrast,         | What are the similarities and      | Compare and contrast characters in a    |
| discuss                   | differences between A and B?       | book/film, two shapes, methodologies,   |
| similarities/differences, | What do they have in common?       | countries, time periods, formulae,      |
| distinguish between,      | What is unique to only one of      | technologies, types of plant or animal. |
| differentiate, what       | them?                              | Clarifying identifying properties that  |
| things/concepts have      | What distinguishing features help  | enhance understanding of forms,         |
| in common or not.         | you identify them from each other? | functions, applications and meanings.   |

#### ...then the Thinking Map to use is

Note: Be careful to connect the lines to the rights places, based on the properties that link or differentiate A and B. Use the most striking or meaningful similarities and differences without mechanistically mirroring them (e.g. tall and short may be less distinguishing than that A is gangly and B is well-dressed). A and B can have different numbers of differences.

#### THE DOUBLE BUBBLE MAP



#### When you are **Classifying...**

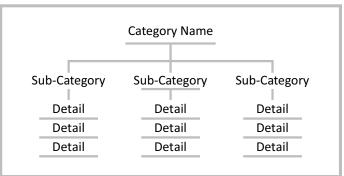
| Key Words used   | Questions asked                       | Applications                                 |
|------------------|---------------------------------------|--|
| Classify, sort,  | How might you group the main ideas,   | Making notes or summaries in any content     |
| group,           | supporting ideas and details in this  | area – students think about the category     |
| categorise, give | topic? What are the key headings in   | headings and the details of what they learn. |
| related detail,  | this unit of work/project/talk/essay? | Categorising information from a Circle Map   |
| types of, kinds  | Can you sort all the information you  | in preparation for writing about a topic or  |
| of, list and     | have gathered into key concepts?      | giving an oral presentation.                 |
| elaborate,       | What important details do you want    | Collecting information under predetermined   |
| taxonomy         | to add under each heading?            | headings whilst reading a text.              |

#### ...then the Thinking Map to use is

Note: Be careful to draw the Tree Map exactly as structured here.

You can use the Tree Map to give students an overview of a subject, to see what is coming up and how units of work fit in. It is also extremely useful for revision.

#### THE TREE MAP





#### When you are Sequencing...

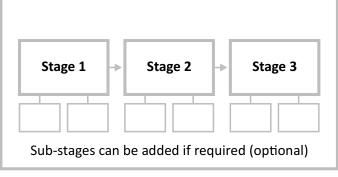
| Key Words used  | Questions asked   | Applications   |
|---|---|--|
| Sequence, map the steps in this project, put in order,    | What is the process/project you are sequencing? What is the step- | Mapping a sequenced step-by-step<br>project in PPBL. Life Cycles and     |
| order, recount/re-tell, what happens next, cycles,        | by-step sequence of events in the process/project? What are the   | processes in Natural Science/Social<br>Science. Time lines in history.   |
| patterns, processes, change,<br>solve multi-step problems | sub-stages? Is each step in the right order?                      | Planning the sequence of a story for writing/recording the sequence of a |
|   |   | story. Recording a thought process, such as in problem solving.          |

#### ...then the Thinking Map to use is

Note: Make sure that the Flow Map has arrows showing the order of events/stages. For life cycles it becomes a circle.

General Note: Whilst it is vital to apply the Thinking Maps with the elements of each map exactly as they were designed, please don't squeeze student thinking to the size or number

#### THE FLOW MAP



of circles or blocks. Freehand maps that are corrected as they develop, capture more expansive thinking!



In the Grade 8 project, learners celebrate local entrepreneurial heroes. These are people who use local resources, employ local people and make a marked difference to the local community, either by providing a service or product, or by investing in the community itself.

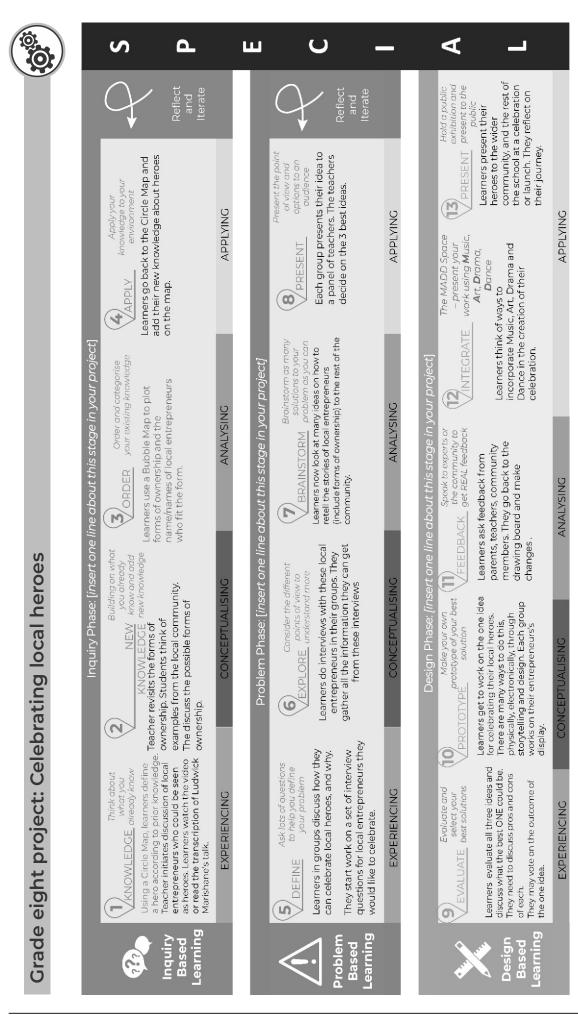
Learners investigate possible local heroes, interview them and present their stories to the wider community and the rest of the school to celebrate these people.

This gives learners the opportunity to iterate learning on forms of ownership, but also gives them perspective into what skills and characteristics entrepreneurs need to succeed and thrive.

A meaningful project where they display their learning and develop interviewing, planning and organisational skills which are competencies that are much prized in the real world.

## ATP CAPS alignment

|                    | TERM 3: TOPIC, CONCEPTS, SKILLS AND VALUES  | SBA                          |
|--------------------|---|------------------------------|
| ENTREPRENEURSHIP   | Sole traders and Partnership – Characteristics , Advantages and Disadvantages   | Project with rubric/<br>memo |
| FORMS OF OWNERSHIP |   |                              |
|                    | Comparison of the Four Forms of ownership: Characteristics advantages and disadvantages   |                              |
|                    | The role of forms of ownership in sustainable job creation and use of natural resources   |                              |
|                    | Please note: Teachers must still cover the following in the ATP outside of the project:   |                              |
|                    | FINANCIAL LITERACY Cash Receipts Journal: Entering the cash transactions in the CRJ. Closing off the CRJ.   |                              |
|                    |   |                              |
|                    | Cash Receipts Journal: The effect of CRJ on the Accounting Equation.  |                              |
|                    | Cash Payments Journal of service business. Formats and uses of the Columns. Sources documents used  |                              |
|                    | Cash Payments Journal of service business. Formats and uses of the Columns. Sources documents used  |                              |
|                    | Cash Payments Journal Entering of cash transactions on the Accounting Equation  |                              |
|                    | Cash Receipts Journal and Cash Payments Journal: Entering combined transactions in the CRJ and CPJ.Closing off of CRJ and CPJ.Effect of cash transactions on the Accounting Equation. |                              |



| Pla        |             |   |                                     |
|------------|-------------|---|-------------------------------------|
| ayful      | Proje       | Project planning table  |                                     |
| Proje      | Grade 8 EMS | 3 EMS   |                                     |
| ect-k      |             |   |                                     |
| based      | ACTIVITY    | DESCRIPTION   | C                                   |
| d Learning | 1.          | Learners use Circle Map to define a hero                            | Entrep<br>Owner                     |
| l          | 2.          | Learners think of local entrepreneurs who could be viewed as heroes | Entrep<br>Owner                     |
|            | ů.          | Learners watch or read Ludwick Marishane's TED talk                 | Compa<br>Forms<br>Charac<br>and dis |
| 11         | 4.          | Revise forms of ownership in business                               | Entrep<br>Owner                     |

|          |   | TERM 3   |  |   |  |
|----------|---|--|--|---|--|
| ΑCTIVITY | DESCRIPTION   | CAPS ALIGNMENT   | RESOURCES  | ENRICHMENT ACTIVITIES   | ASSESSMENT & INTEGRATION<br>WITH OTHER SUBJECTS  |
| 1.       | Learners use Circle Map to define a hero  | Entrepreneurship: Forms of<br>Ownership  |  | Learners can do research on<br>the philosophy of heroes<br>and why people adore them                  |  |
| 2.       | Learners think of local entrepreneurs who could be viewed as heroes                     | Entrepreneurship: Forms of<br>Ownership  |  |   |  |
| з.       | Learners watch or read Ludwick Marishane's TED talk                                     | Comparison of the Four<br>Forms of ownership:<br>Characteristics advantages<br>and disadvantages | Llnk to TED talk in Resource<br>Pack.<br>Transcription in Resource<br>Pack | View similar talks or do<br>more research on Ludwick<br>and where his first business<br>has taken him | English HL/FAL: Why is this a<br>really good talk? Elements<br>of a good oral presentation |
| 4.       | Revise forms of ownership in business   | Entrepreneurship: Forms of<br>Ownership  | Handbook<br>Resource Pack  | Each country has its own<br>forms, have a look at other<br>countries' forms of<br>ownership           |  |
| S.       | Think of local entrepreneurs who trade under these forms of ownership                   | The role of forms of<br>ownership in sustainable job<br>creation and use of natural<br>resources |  |   |  |
| 6.       | Complete the Bubble Map with forms of ownership and persons who might trade under these | Entrepreneurship: Forms of<br>Ownership  |  |   |  |
| 7.       | Learners discuss pros and cons of different forms of<br>ownership                       | Entrepreneurship: Forms of<br>Ownership  | Handbook<br>Resource Pack  | Learners can invite a local<br>bookkeeper or lawyer to<br>explain and discuss forms of<br>ownership   |  |

| (continued)    |  |
|----------------|--|
| g table        |  |
| oject planning |  |
| Project        |  |

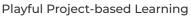
| S   |
|-----|
| ~   |
| <   |
| ш   |
| 00  |
|     |
| Ð   |
| σ   |
| g   |
| 5   |
| (") |

|          |  | TERM 3                                  |                           |   |   |
|----------|--|---|---------------------------|---|---|
| ACTIVITY | DESCRIPTION  | CAPS ALIGNMENT                          | RESOURCES                 | ENRICHMENT ACTIVITIES   | ASSESSMENT & INTEGRATION<br>WITH OTHER SUBJECTS |
| °.       | Learners complete a Tree Map with pros and cons,<br>reiterating all learning material                                | Entrepreneurship: Forms of<br>Ownership | Handbook<br>Resource Pack |   |   |
| .6       | Groups choose a local hero they would like to celebrate  | Entrepreneurship: Forms of<br>Ownership | Resource Pack             |   | Arts: Create a poster or flyer                  |
| 10.      | Groups discuss possible ways to do above   | Entrepreneurship: Forms of<br>Ownership | Resource Pack             | Learners can start a<br>Facebook page with local<br>hero portraits and<br>information.                        |   |
| 11.      | Learners create interview questions for their hero and interview takes place   |   | Resource Pack             | Learners can videotape<br>these interviews and create<br>shortform videos which tell<br>the story of the hero |   |
| 12.      | Learners collate information from interview and discuss ways to present this to the public                           | Entrepreneurship: Forms of<br>Ownership | Resource Pack             | Learners can also present a<br>TED-talk type evening and<br>ask heroes to each give a 10<br>min speech        |   |
| 13.      | Learners present ideas to portray hero to teacher panel  | Entrepreneurship: Forms of<br>Ownership | Resource Pack             |   |   |
| 14.      | Learners vote for their favourite idea and start preparing product (poster or post) and event (publication or event) | Entrepreneurship: Forms of<br>Ownership | Resource Pack             |   |   |
| 15.      | They get feedback from family and friends and make the last changes to their product or event plan                   |   | Resource Pack             |   |   |

| (continued) |  |
|-------------|--|
| table       |  |
| t planning  |  |
| Project     |  |

| S        |
|----------|
| 5        |
|          |
| _        |
| 00       |
| <u>e</u> |
| g        |
| 5        |
| (1)      |

|          |  | TERM 3                                  |               |  |   |
|----------|--|---|---------------|--|---|
| ACTIVITY | DESCRIPTION  | CAPS ALIGNMENT                          | RESOURCES     | ENRICHMENT ACTIVITIES  | ASSESSMENT & INTEGRATION<br>WITH OTHER SUBJECTS                       |
| 16.      | Learners celebrate their local hero in publication or at an event with a poster/booklet/video etc. | Entrepreneurship: Forms of<br>Ownership |               | Invite the community to the<br>celebration evening. Make a<br>video of the event                             |   |
| 17.      | Learners create an advertisement, song or dance to promote<br>the evening or event                 |   | Resource Pack |  | Performing Arts: Create an<br>advertisement/short<br>drama/song/dance |
| 18.      | Learners reflect on their experience in doing this project   |   | Resource Pack | Grade 8 can build on to this<br>project year after year and<br>the school can celebrate 5<br>heroes per year |   |
|          |  |   |               |  |   |



# INQUIRY-BASED LEARNING

## STEP 1: Prior knowledge

Thinking and sharing what you already know

Purpose of this step: Learner reflects on and shares own knowledge, experiences and perspectives (stimulating prior knowledge and evaluating baseline knowledge) about the burning issues:

- Who are the heroes in our community?
- Why do we view entrepreneurs as heroes?
- How can we celebrate these heroes?
- 1.1 Using a Circle Map, learners define a hero according to their prior knowledge on *Worksheet 1*.
- 1.2 The teacher initiates a discussion of local entrepreneurs that could be viewed as heroes: People who solve a problem in the community or make some kind of contribution.
- 1.3 Learners now watch (or read the transcription – See Resource Pack) a talk by Ludwick Marishane, owner and founder of Dry Bath. Learners go back to Worksheet 1 and add more about heroes to their Circle Map.

## STEP 2: New knowledge

Build on what you already know and add new knowledge

**Purpose of this step:** Learner observes or takes part in something new that is an extension /expansion of prior knowledge and adds knowledge to the driving question.

- Revisit the forms of ownership in business. Please see the ATP and CAPS outcomes. 2.1
- 2.2. Ask learners to think of local entrepreneurs who fit with the different forms of ownership.

## STEP 3: Order

Order and categorise your existing knowledge

Purpose of this step: To order and make sense of information and knowledge that emerged in Knowledge and New knowledge steps.

Learners complete the Bubble Map on Worksheet 2. They reiterate the forms of ownership in each 3.1 bubble and add the name of a local entrepreneur who might have this form of ownership.

Please note that one cannot know for certain which forms of ownership they trade in, and these are just good guesses (that can later be updated when they interviews these entrepreneurs).











## STEP 4: Apply

Apply your knowledge to your context (driving question)

Purpose of this step: To use knowledge to answer the driving question

- Learners discuss the forms of ownership, but also the pros and cons of each. Why is it good to start 4.1 out as a sole proprietor? Why is it important to protect your own assets when you own a business? Let the discussion iterate all the knowledge they should gain about forms of ownership and the reason why people choose certain forms.
- Learners watch the video's of Sally and Nabira and discuss their forms of ownership and how this 4.2 can influence their businesses in the long run.
- 4.3 Learners complete the Tree Map on *Worksheet 3* with forms of ownership and pros and cons under each.

## PART 2 PROBLEM-BASED LEARNING

## STEP 5: Define

Ask lots of questions to help you define your problem

**Purpose of this step:** Push for clarity on the problem/questions.

- 5.1 Learners, in their groups, choose a local hero they would like to celebrate. They work on a problem statement, e.g. How will we celebrate local heroes at our school? How will we get their stories out into the community?
- 5.2 They discuss, in their groups, possible ways of celebrating these people/telling their stories to the wider community.
- 5.3 Learners start work on a set of interview questions for their hero. They use Worksheet 4. Remember that they should add forms of ownership and reasons for their choice to the interview questions.

## **STEP 6: Explore**

Consider different points of view to help you understand more

**Purpose of this step:** Research phase – what do we need to answer the question/solve the problem?

- 6.1 Learners make an appointment with their chosen entrepreneur/local hero. If it is not possible to do an in-person interview, they can send the questions via email or WhatsApp. They can also use online applications such as Zoom or Google Meets.
- Learners decide on who will ask what in their groups. They must all make very good notes. Make 6.2 sure they thank the hero for his/her time and for the opportunity to interview them.
- 6.3 Remind learners to ask for extras, maybe a photo of their hero, or a follow-up interview, just in case, or even photos of the business or product.











## STEP 7: Brainstorm

Brainstorm as many solutions to your problem as possible

Purpose of this step: Discuss and share possible solutions

- 7.1 Learners now gather all their information on their local hero.
- 7.2 They discuss, in their groups, what would be the best way to portray their hero to the rest of the community and celebrate what they have done or accomplished. This can take many forms. Learners might want to create posters or flyers of their heroes and put them up at school in a hallway (a walk of fame, if you like). Otherwise, if resources allow, they can make short form videos with voice overs. They can publish these online, create a Facebook page and celebrate each group's hero online. They can invite their heroes to an evening and ask each to deliver a short speech after the learner's have presented their research/introduction of the person. Let them come up with as many possibilities as possible on *Worksheet 5*.

#### **STEP 8: Present**

Present the point of view and options to an audience

PART 3 DESIGN-BASED LEARNING

**Purpose of this step:** Presenting the possible solutions for iteration/change

**Please note:** integration of subjects possible here. English teacher might be able to use this step.

- Learners present their ideas for the celebration of their hero to a panel of teachers. 8.1
- 8.2 The panel of teachers choose the best 3 ideas for the celebration of heroes.

## **STEP 9: Evaluate**

Evaluate and select your best solution

Purpose of this step: Design the prototype, come up with an idea – redo /tweak etc. product or service

- 9.1 Learners evaluate, in their groups, the three final ideas. They should take everything into consideration with regards to resources available, time frames, Covid protocol, etc.
- 9.2 Learners each vote for the best idea.
- 9.3 The outcome is announced and they all fall into line to use this favourite method of presenting their work and celebrating their heroes.











#### Playful Project-based Learning

17

## STEP 10: Prototype

Make the prototype of your best solution

Purpose of this step: Build or make the prototype based on the design

- 10.1 Learners now start planning the celebration and product (video or poster or such) on *Worksheet 6*.
- 10.2 They plan the product as well as the manner of celebration (online or physical walk of fame, online publication or an event with invitations). They may use storytelling or design.

## STEP 11: Feedback

Speak to experts or the community to get REAL feedback

Purpose of this step: To get expert feedback about possible improvements or design changes

- 11.1 Learners present their final idea to their parents, peers, other teachers and family members.
- 11.2 They take the feedback into consideration and make amendments and changes as they see fit.
- 11.3 They finalise the plans for the celebration and they bring in final touches to their product (video or poster, etc.).

## **STEP 12: Integration**

Integration in The MADD Space - present your work using Music, Art, Drama, Dance

Purpose of this step: To iterate learning in a fun way.

12.1 Learners think of a creative way in integrating Music, Art, Drama and Dance to create an invitation or an advertisement for their celebration.

## STEP 13: Present

Public exhibition

Purpose of this step: Present and celebrate the products

- 13.1 Learners present their product at a public exhibition. They can invite their heroes to the event, as well as parents and members of the community.
- 13.2 Learners do all the organizing and finalizing of the event details. They welcome the visitors, and afterwards thank the visitors.
- 13.3 Learners reflect on what they have learnt after the event.









## Assessment rubric

| CRITERIA  | SCORE OF<br>8-10   | SCORE OF<br>6-7  | SCORE OF<br>4-5  | SCORE OF<br>1-3  | LEARNER'S<br>MARK |
|---|--|--|--|--|-------------------|
| Thinking Maps   | Thinking Maps used<br>exceptionally well<br>to capture prior<br>knowledge and new<br>knowledge | Good use of<br>Thinking Maps to<br>show prior and new<br>knowledge                     | Adequate use of<br>Thinking Maps to<br>show prior and new<br>knowledge               | Inappropriate use<br>of Thinking Maps to<br>show prior<br>knowledge and new<br>knowledge |                   |
| Understanding of Content                              | Shows a<br>sophisticated<br>understanding of<br>themes in work                                 | Shows and<br>understanding of<br>major themes  | Displays a<br>somewhat limited<br>understanding of<br>themes                         | No understanding<br>of themes or<br>content  |                   |
| Quality of interview<br>questions                     | Exceptionally clever<br>and unique in<br>showing deep<br>interest                              | Thoughtfully put<br>together; showing<br>understanding of<br>outcomes                  | A few original<br>touches; some<br>understanding of<br>outcomes                      | Shows little<br>creativity and<br>originality. No effort                                 |                   |
| Product (poster or video<br>that represents the hero) | Exceptionally<br>attractive and<br>particularly neat in<br>design and layout                   | Attractive and neat in design and layout   | Acceptable in design and layout  | Poorly<br>conceptualized and<br>designed. No pride<br>in work                            |                   |
| Overall quality of the event or launch                | Project is<br>engagingly<br>organized and<br>material presented<br>is captivating              | Project is well-<br>organized,<br>complete and holds<br>the attention of the<br>viewer | Project is<br>incomplete,<br>disorganized at<br>times and<br>somewhat<br>interesting | Project is<br>incomplete,<br>audience<br>disengaged                                      |                   |
| TOTAL SCORE   |  |  |  |  |                   |