

A top-down photograph of a child's hands adjusting a white and black microscope on a wooden table. The child's head is visible on the right side of the frame. A yellow circular graphic is overlaid on the image, containing the text 'TINKERSJÖP'.

TINKERSJÖP

ANNUAL REPORT  
2020

SMALL SCIENCE CENTER  
WHERE SCIENCE IS FUN...

**Tinker**  
**SjöP**



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# PREFACE

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Frits Terborg - Chairman

At the start of the year 2020, the entire world was confronted with the Covid-19 virus. It could not be prognosed, what the negative impact would be worldwide. With mixed feelings, I therefore present to you, on behalf of the board of Tinkersjöp, the annual report of 2020.

The mission of Tinkersjöp remains unchanged and highly valued. Despite the scarce (financial) resources that Tinkersjöp had/has at its disposal, many projects could still be initiated. All this would not have been possible without the dedicated sponsors, but certainly not without the unconditional commitment of the volunteers associated with the Tinkersjöp, encouraged by our coordinator Gèrtrude (Truusje) Franca.

A lot of time and energy has also been invested in discovering and creating new methodologies and products.

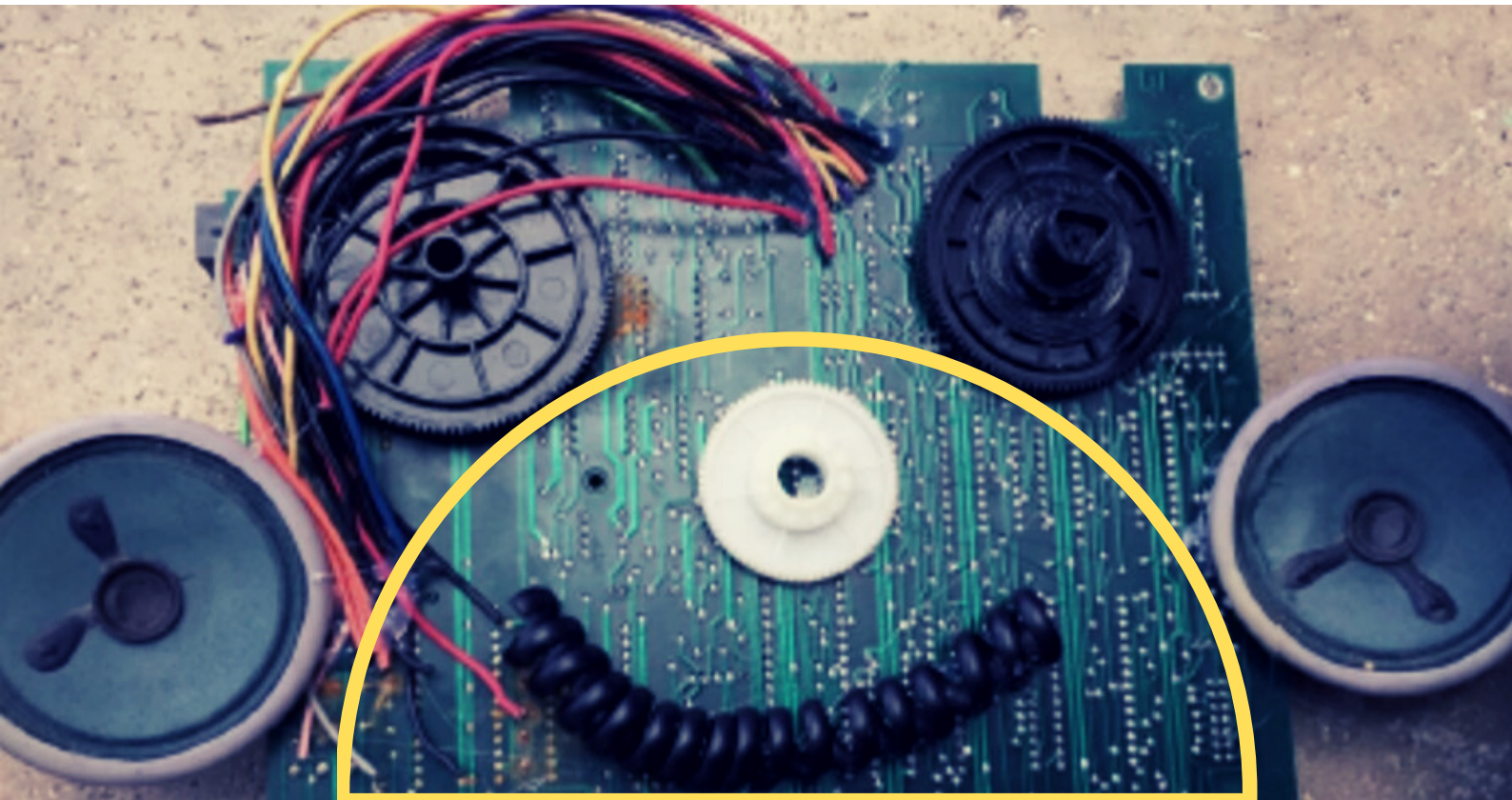
Due to the epidemic, which has now turned into a pandemic, these projects and activities could not be executed properly with the children on location. However, the logical step was for the volunteers and the coordinator to turn to the social media, such as Facebook, Instagram and YouTube, to give instructions, share, and teach.

The fruitful partnership with NEMO (Science Museum in the Netherlands) has been strengthened during the year. With their help, Tinkersjöp is developing and growing towards the next level. We are grateful for this partnership and we look forward to the collaboration in future projects.

I would like to thank all sponsors for their support and their warm heart shown to us in 2020. I look forward to an interesting year ahead and would like to thank all who contributed to a successful 2020!







## WHAT WE STAND FOR

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Tinkersjöp is a small science center, in Curaçao, where young and old do experiments and are challenged to tinker, investigate, build, explore and discover.

Tinkersjöp is all about:

1. **TINKERING**, where the key-point is not what is being made, but it's when skills are being developed or are being practiced in order to make;
2. **APPLIED SCIENCE**, where children get the opportunity to apply their existing scientific knowledge, to practical applications;

3. **MAAKKUNDE**, is where training is given on designing & investigative learning based on NEMO Science Museum's hands-on learning methodology;

Being an **4.INSPIRATION**, for children so they can regain their love for learning by having hands-on experience with science and technology concepts.

Children are involved more directly in the learning process. They get a sense of wonder and the activities trigger their curiosity.

it's all about helping children to grow into the best selves.



# Vision & Mission

## a. Vision

The vision is to commit to the self-explorative and participatory learning experience of children in the areas of science, arts, and social developments, acting on the natural curiosity of the child.

## b. Mission

Organize activities and programs to:

1. expand and re-enforce school curriculum;
2. Invoke discoveries, exploration, and curiosity;
3. Expand on personal interest;
4. Fun;
5. Enhance family interaction;
6. Bring change in the community



# OUR TEAM

Together we can do so much

## BOARD

Frits Terborg	Chairman
Jessica Russel-Lucasius	Secretary
Giovanca Ventura	Treasurer
Tamara Salsbach	Board member & Founder

Tinkersjòp's board, comprises of 4 members with diverse professional backgrounds: Law enforcement, Psychology, Engineering, Accountancy, and Law. All board members undertake their role on a voluntary basis and are not remunerated.



## TINKER-COORDINATOR

Gertrude (Truusje) Franca

For the operational, organizational, content and creative part of Tinkersjòp, a subject-matter-expert works as an overall coordinator.



# OUR TEAM

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Together we can do so much

## TINKER-ADVISOR

Ace Soares

## TEACHERS, ASSISTANTS, & VOLUNTEER

### *Teachers*

Duvan Naranjo Duran

Dhammalyz Franca

Ryan Hernandez

Carl de Windt

Miluska Blanken

Priscella de Lannoy

Luisa Capriles

### *Young assistants*

Stefann Kruithof

Darren Plaate

### *Volunteer*

Maria del Carmen Bolivar

Several teachers and young-assistants are prepared to guide all activities in Tinkersjòp. They work under close supervision of the coordinator, Gèrtrude (Truusje) Franca.





# CONTRIBUTORS

Tinkersjòp is extremely grateful for the following generous supporters who, whether supporting yearly or with a single contribution since 2016, believes in its mission.

## Our official sponsors



## Sponsors



Vertegenwoordiging van Nederland in  
Aruba, Curaçao en St. Maarten  
Ministerie van Binnenlandse Zaken en  
Koninkrijksrelaties



# CONTRIBUTORS

## *Supporters*

Fursys

NetPro Group

Anonymous

Productive Business Solutions

Lab de Med

Britannic Club of Curaçao

Infocus Accountants & Adviseurs

mr. Lisanne Asjes partner Asjes | Carrega advocaten

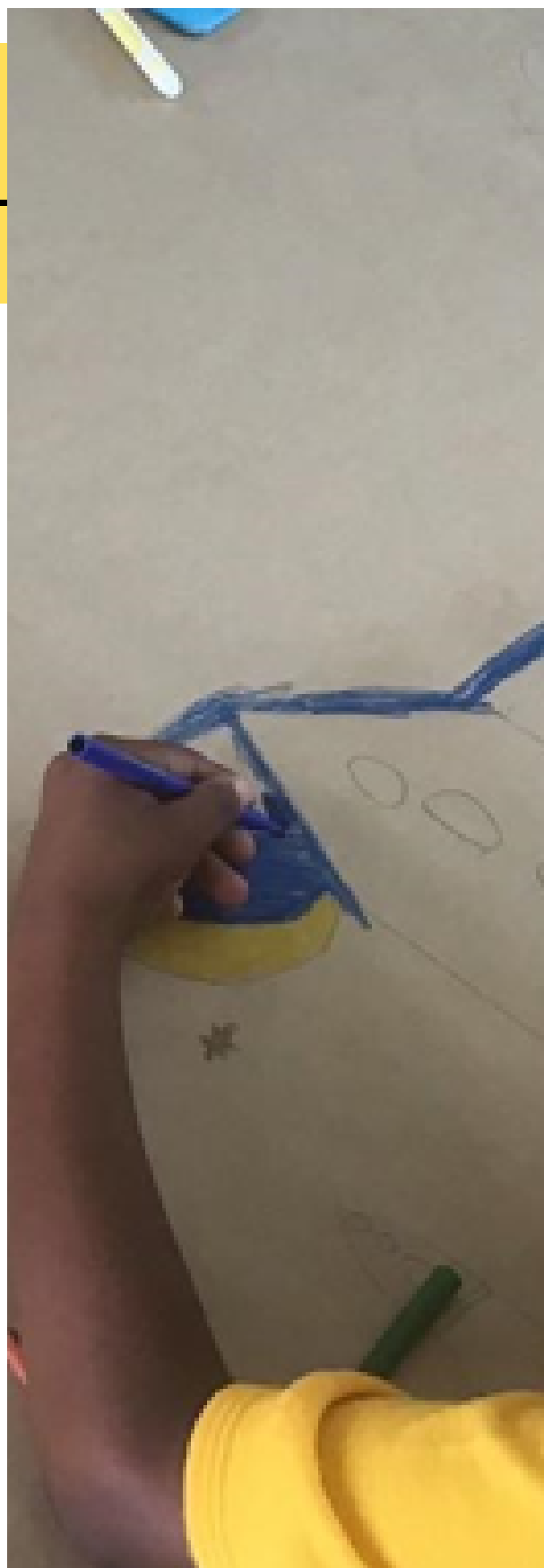
Isocool

Compliance & Forensic Services Caribbean

LB Constructie

ORCO Bank

ejpeg (Evert-Jan Boon)



# ACTIVITIES

2020

Tinkersjöp offers a great variety of tinker activities for young and old. The impact of Covid-19 on the activities that were planned, cannot be denied. But at the same time this created an opportunity and our Tinker team came with out of the box solutions to continue offering Tinkeractivities throughout 2020

## B-day STEAM parties @Tinkersjöp:

Celebrating a birthday party at Tinkersjöp is a popular activity. A lot of children that are science fanatics with their parents are finding their way to Tinkersjöp, where their topic of interest comes to life. Tinkersjöp caters **tailor-made themed** educational and fun STEAM experiments to everybody.



## School visits:

In 2020, due to the pandemic a decline in the amount of school visits was seen. However, we were able to adapt our strategies to continue to cater to the schools in Curaçao. Instead of inviting the school children to Tinkersjöp, our Coordinator and Teachers started going to the schools. This resulted in a higher number of schools that could participate in fun activities without having to leave the school premises, which was not allowed due to the Covid-19 related lock down.



# ACTIVITIES

2020

## Tinkering & Voedselbank:

During the Covid-19 related lockdown from March 2020 to June 2020, Tinkersjòp set up a Tinkerproject to enable families to do fun tinker activities at home, which required very little materials. In this project Tinkersjòp illustrated simple activities that stimulate creativity and scientific thinking.

This project was done in collaboration with NEMO, Voedselbank Curaçao and Jolly Zone, a radio/tv program on TeleCuraçao (the national television station).

Descriptions of the tinkeractivities were printed out and distributed in the food bags of Voedselbank Curaçao, which were distributed under the less fortunate during the lockdown period. The descriptions were also distributed through the social media page of Jolly Zone. All activities were then carried out every Saturday morning in Jolly Zone with each week a different activity.

We are grateful for **LAB de MED**, **PBS**, **NetPro**, **InFocus** en our **anonymous** sponsor, for making the distribution of the printed materials possible.

We reached ± **1500** families with this project.



## Falling walls Germany:

The Lockdown Tinkerproject was also submitted in the Falling Walls award during the Berlin Science week and we are happy to mention that Tinkersjòp Curaçao was **one of the top 100** breakthrough projects out of over more than 2000 projects!

# ACTIVITIES

2020

## Speeddating Greenkidz:

Tinkersjöp is proud to be part of the Speed date sessions, organized by Greenkidz for the LOFO students of the University of Curaçao. This is part of the Green teachers' program where students are partnered with organizations which work to contribute to a better environment.



## University of Curaçao:

The University of Curaçao organized a conference on “education with Technology”. Tinkersjöp participated virtually, to share knowledge about the creative and learning process of children, and to explain how hands-on activities can be taught virtually. This time participants got to experience design and investigation online, based on NEMO’s methodology MAAKKUNDE.



## STEAM vacation activities:

In order to promote and attract a more diverse crowd during the summer vacation, Tinkersjöp started daily activities during the summer of 2020, where vacation groups, and every other kid could just sign up and come have fun. It turned out to be much more effective than organizing our own STEAM Camp, which led to a more diverse crowd. Tinkersjöp plans to continue with this type of activities during all school vacations in 2021.

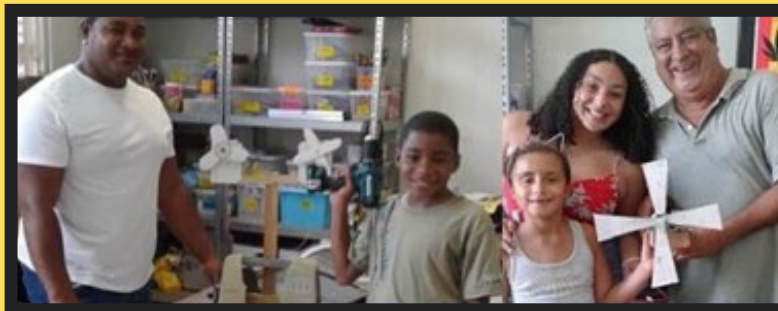
The activities constitute a variety of activities that differ from Robotics VEX IQ to dismantling of electronica apparatus to upcycling of random recycling materials.

# ACTIVITIES

2020

## Parent & Child Tinker sessions:

In 2020 we started a Daddy & Me Tinker session that sure enough became very popular. Grandparents, fathers, mothers & wives joined this session with their (grand)children. During these session parent and child have to design and create something together, which makes them work closer and helps strengthen the bond.



## TinkerClub:

In 2020 Tinkersjöp had to defer and modify some goals due to the pandemic. Our Tinkerclub project will start in 2021 in a whole new setting where young and old can participate in Tinker activities focussing on STREAM (Science, Technology, Reading, Engineering, Arts & Mathematics).



# COLLABORATIONS

Together we can achieve a lot more

*Tinkersjòp seeks continuous partnerships with organizations which have the same drive and vision on applied science education.*

*Tinkersjòp has collaborations with:*

## NEMO

In 2020 we also collaborated extensively with NEMO on the voedselbank project during the pandemic lockdown which deemed very successful. Tinkersjòp works together with NEMO on a consistent basis in order to create breakthrough and innovative project to the community of Curaçao.



## JOLLY ZONE

Jolly Zone is a radio program dedicated to young and old. They educate, inform, and talk about different topics of interest.

Tinkersjòp collaborates with Jolly Zone in regards of SCIENCE, where weekly challenges are given to the viewers/listeners, the challenge is showed, and the science behind the challenge is explained.



# COLLABORATIONS

Together we can achieve a lot more

## Desaroyo i Progreso

The foundation “Desaroyo i Progreso” provides after-school activities to 22 schools, with approximately 2.000 children. Tinkersjöp started a collaboration with this foundation in order to introduce SCIENCE, TINKERING, & STREAM to as many children as possible, through their afterschool teachers.

The afterschool teachers were trained in the “Maakkunde” methodology, and in Tinkering, and some of the teachers, also teach in the afternoon with the activities in Tinkersjöp.



## University of Curaçao

Tinkersjöp is collaborating since 2018 with the University of Curaçao to promote STREAM among youngsters, starting with elementary schools. Both teachers and students of both the Faculty of Arts & the Faculty of Engineering supports Tinkersjöp in knowledge transfer, support, development of experiments, teaching programs, and activities.



UNIVERSITY  
OF CURAÇAO  
DR. MOISES DA COSTA GOMEZ

## Römer school

Another project in which Tinkersjöp collaborates yearly with Römerschool, is ART day. This project is organized once a year in november, where Römerschool exposes their pupils to different forms of Art, in order to expand their minds and promote creativity. Tinkersjöp has participated since 2019 in this event.



# COLLABORATIONS

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Together we can achieve a lot more

## Instituto Buena Bista

With this institution not only does its students take the opportunity to work in Tinkersjöp and get experience in working with children, but the students also give inside in order to improve the activities. especially in regards of the arts department.



# COLLABORATIONS 2021

Tinker Studio, USA

Plaza Nobo, Curaçao

SEFBA, Curaçao

Deusto University, Spain



# FUTURE PLANS

## 2021 & beyond

Tinkersjöp has the following plans for the year 2021 and beyond:

### A. Tinker Club with Faculty of Engineering of the University of Curaçao:

In 2020 Tinkersjöp would have started a TinkerClub and one of its sessions would have been Kite Energy. This project is in joined collaboration with the Faculty of Engineering of UoC of which students will be making their first kite prototype out of recycled materials. Due to the pandemic Tinkersjöp has temporarily halted this project but plans to pick this up in the near future (end of 2021 and beyond).

### B. Maakkunde methodology:

Continuation of Maakkunde training to schoolteachers

### C. Tinker parties:

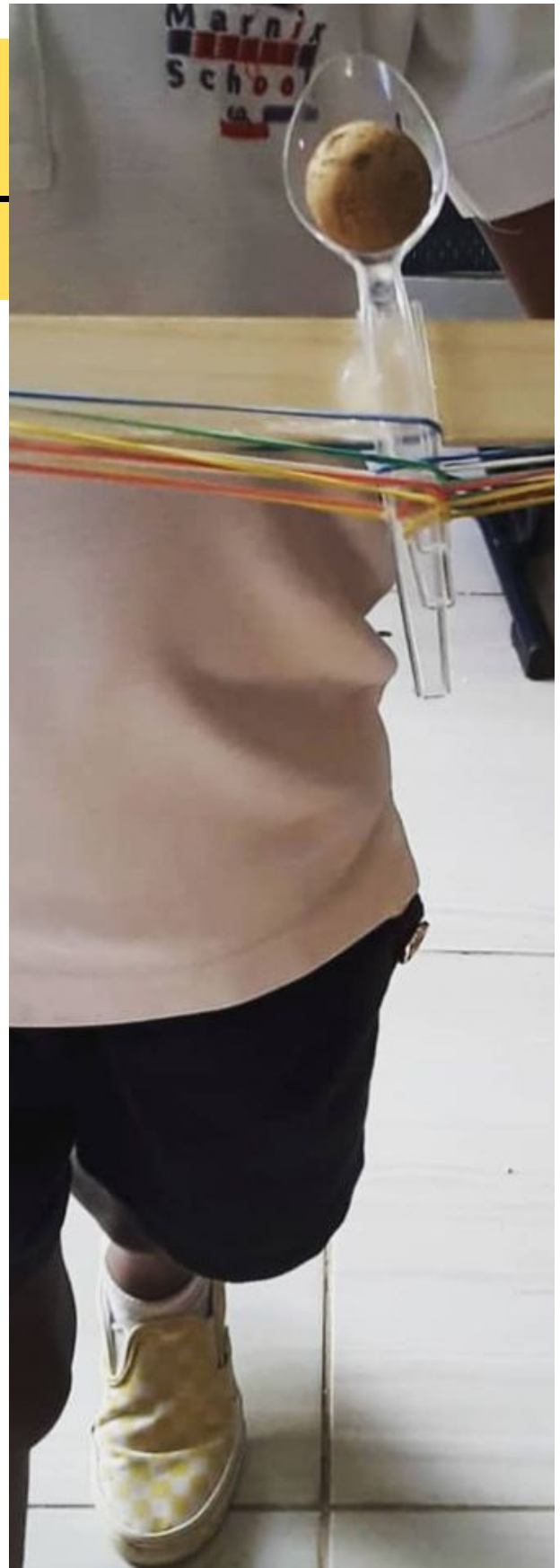
Continuation of the promotion of Tinker-parties

### D. Digital thinking:

Project with NEMO Science museum and DEUSTO University

### E. Social media:

Increase Tinkersjöp's presence on Social Media, locally and internationally.



# FUTURE PLANS

## 2021 & beyond

### F. Tinkering for adults:

Project Tinkering for adults with Tinker Studio San Francisco and NEMO Science Museum: Development of different types of activities for adult tinkering ( e.g. unplugged coding)

### G. Science and Space:

Understand Science and Space through Art at Plaza Nobo. At the moment the artist Duvan Duran Naranjo, which is one of the teachers of Tinkersjöp, is developing an art concept that will be exposed at Plaza Nobo in Punda. The concept revolves around the latest space developments and news. It is intended to create awareness about what is being done with regards to Space worldwide through artistic expression.

### H. 2-day STREAM:

Expand the 2-day STREAM activity for schools, which is a preparation to science fairs. Prospect collaboration with Snapology and IBB is being discussed at the moment.

### I. Teambuilding for Companies:

Create Teambuilding activities companies can offer to their employees and families.



# FUTURE PLANS

## 2021 & beyond

### J. Tinkersjòp goes mobile:

Due to the pandemic Tinkersjòp had to make a lot of changes in their operating structure. This meant going to the schools instead of the schools coming to Tinkersjòp. This has proven to be successful and has given Tinkersjòp more exposure than prior years.

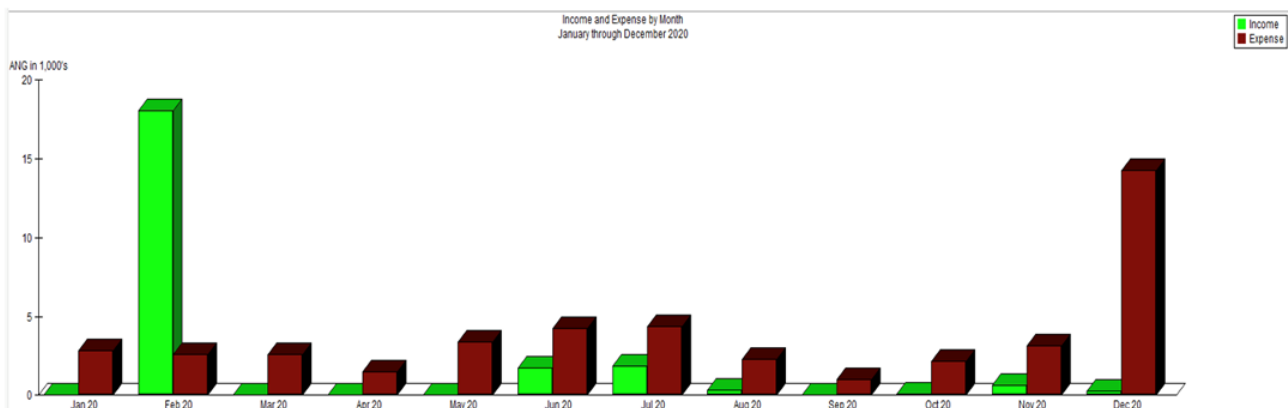
### K. Open-Air Tinkering:

Open-air tinkering is a new concept that Tinkersjòp introduced out of necessity for social-distancing. During our Open-air tinker sessions we allow the children to tinker, experiment and play outside for 4 hours straight. These sessions have helped the children release all the pinned up energy accumulated during the pandemic lockdown.

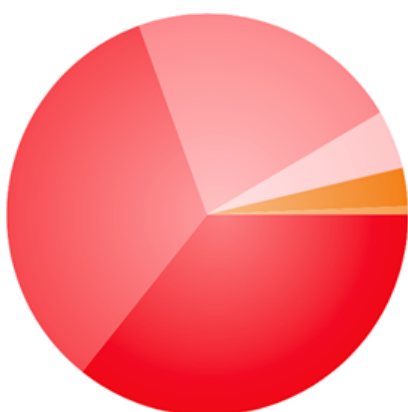
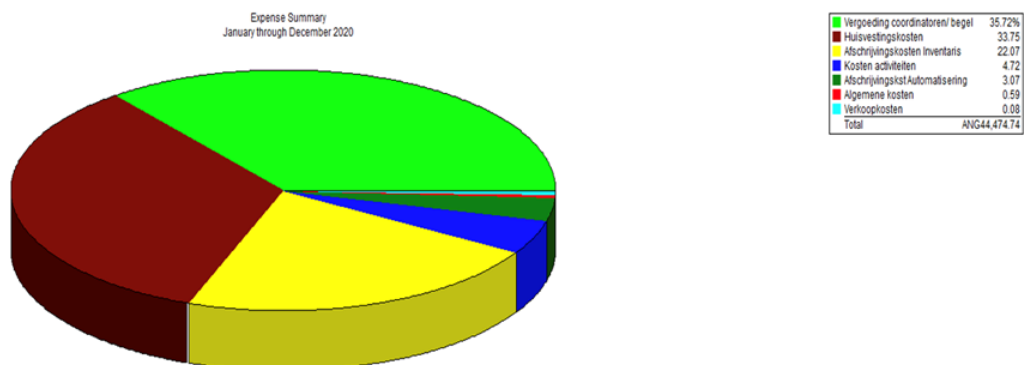




# FINANCIALS

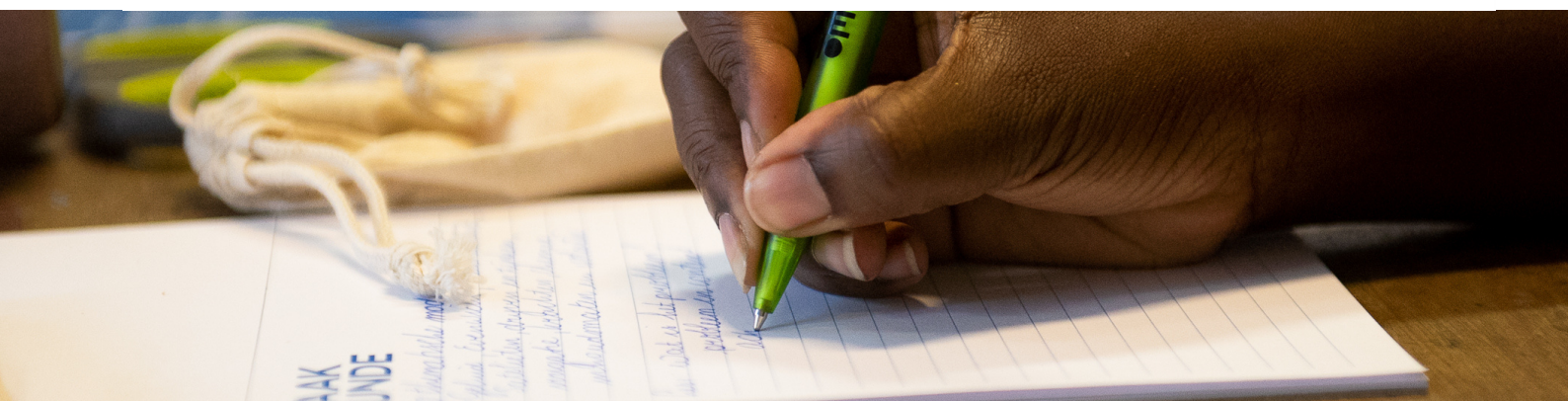


Expense Summary  
January through December 2020

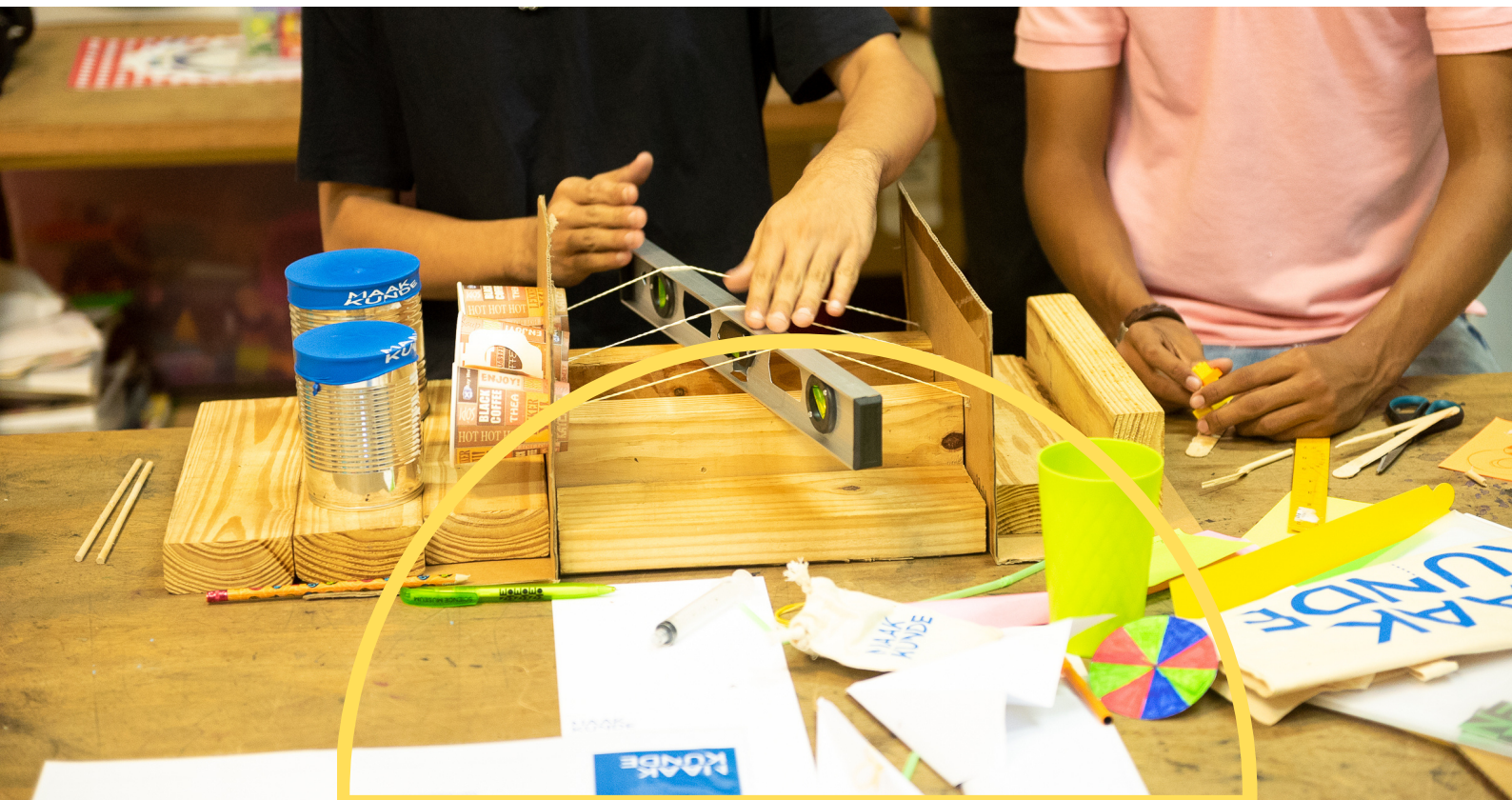


- Vergoeding coördinatoren/ begeel
- Huisvestingskosten
- Afschrijvingskosten Inventaris
- Kosten activiteiten
- Afschrijvingskst Automatisering
- Other Accounts

**Total: ANG44,474.74**







## CONTACT

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**Chamber of Commerce:** 130848

**Bank:** Orco 111 046 0195