

XRB Galaxy

YELLOW PAPER

(Version 1.2)

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Item Ecosystem

An “item” is defined as a unit in the game that are of importance in the economic ecosystem. Items can be obtained according to various conditions which are built on either a standardized protocol or token-generated instruction set to support items from smart contracts on the blockchain network. The method of acquisition, storage, trading of the items together form the tokenomics of the game, which are categorized into:

- Raw Material: Basic items needed to create, enhance, or to “craft” a new product or equipment. These can be obtained from item farming, collected from various locations, or purchased from a shop
- Material: Items which are obtained by bringing raw materials together through the extraction process such as combining or mixing two or more items
- Product: Items with extra attributes such as more energy, wearable techniques, or usable features. These items are obtained from crafting materials together and can be traded with in-game shops.

Material	Product	
Raw Material (KAP20)	Final Product (KAP1155)	Unique Final Product (KAP721)
<ul style="list-style-type: none">● Basic Items● Usage: To create materials or other products	<ul style="list-style-type: none">● Usable Items● Usage: To be used within the game or used as a material for higher level items	<ul style="list-style-type: none">● Modified item from its KAP1155 version● Cannot be traded within the game

Remarks: Material items that spawn within the game areas will respawn every one hour to fill the item up to the specified amount at the spawn point. Should there be no item collection, items will not be respawned.

Farming System

Farming system is the system that allows players to use seeds to plant on the farm (farm plot) in order to produce crops according to the harvest period.

Steps for farming system are as follows:

1. Purchase a farm plot
 - Farm plot is an area that grant players the right to plant seeds on this land.
2. Purchase seeds
 - Players will be able to purchase seeds from NPCs (NPC : Non-Player Character).
 - Each type of seed can be planted according to their respective farm plot. Players must select seeds to match the type of the farming plot they own to be able to plant.
3. Plant seeds in the planting plot
 - Each planting plot will accommodate specific types of seeds.
 - Each planting plot has a maximum number of plantings that can be accommodated according to the seed value.
 - Each planting plot will get higher yield according to the elapsed harvest time.
4. Collect the harvest
 - The yield is derived from the calculation according to the planting period.

Farm Yield Calculation

Plantation yield can be calculated from the number of seeds which are planted in the player's plantation crops (seed LP with a staking status), the maximum amount of seeds that can be planted for each type of planting crops throughout the game (Max Cap LP), and the yield per block (Block reward) whereby the seeds in the plantation crops are considered as LP or LP tokens representing the right of shares from the total number of seeds planted by everyone in the game (Total Staking LP).

Definition:

- Total Staking LP: Sum of seeds planted by every player in the game at the calculated block
- Max Cap LP: A constant that is calculated based on the maximum supply in the farming ecosystem of the entire game.
- Max value LP per Farm Plot: The maximum value of planting seeds per farm plot is set to be equal to 70 XRB. The exceeding amount needs to be planted on the new farm plot.

- Should the value to the planting seeds exceeds 70 XRB, the staking value will continue to rollover until the seeds are withdrawn from the plot.

Calculation Principle

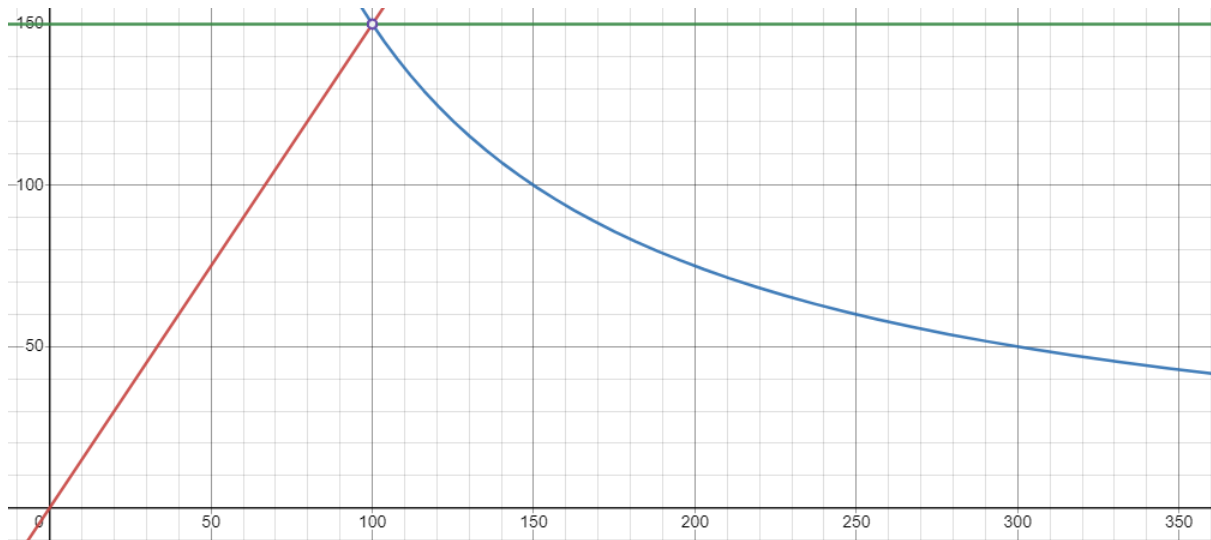
if Total Staking LP \leq Max Cap LP then Reward per block = $\frac{\text{Total Staking LP}}{\text{Max Cap LP}} \times \text{Block Reward}$

else Total Staking LP $>$ Max Cap LP then Reward per block = $\frac{\text{Max Cap LP}}{\text{Total Staking LP}} \times \text{Block Reward}$

Graph: Crop-to-Supply share of the largest farming portion of the entire game

The graph illustrates the change of yield per block when total staking LP increases. In this example, say Max Cap LP = 100 and Block Reward = 150 units:

- Y-Axis illustrates yield per block
- X-Axis illustrates total staking LP



In Summary:

Condition	Explanation	Result
Total Staking LP < Max Cap LP	Planting seeds are less than the maximum supply limit	The yield per block will increase in a fixed proportion as the number of planted seeds increase (red line)
Total Staking LP = Max Cap LP	Planting seeds are equal to the maximum supply limit	The output per block will be the maximum value of the block reward (Intersection point)

Total Staking LP > Max Cap LP	Planting seeds are more than the maximum supply limit	The yield per block is shared according to the proportion of seeds planted by all the players (blue line)
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Example Case:

Let's say Max Cap LP = 20,000 seeds: (Maximum LP is calculated using the maximum amount of seeds planted per year).

Yield per block = 2 units per block

3 cases of planting seeds:

Case	Condition	Calculation	Block Reward
Players plant 10,000 seeds throughout the game	10,000 < 20,000 (Total Staking LP < Max Cap LP)	$\frac{10,000}{20,000} \times 2$	1.00
Players plant 20,000 seeds throughout the game	20,000 = 20,000 (Total Staking LP = Max Cap LP)	$\frac{20,000}{20,000} \times 2$	2.00
Players plant 30,000 seeds throughout the game	30,000 > 20,000 (Total Staking LP > Max Cap LP)	$\frac{20,000}{30,000} \times 2$	1.33

There are three possible farming plot (location): each location can cultivate the maximum number of seeds according to the respective plot as follows:

	Plot A	Plot B	Plot C	Plot D	Total per Zone
Location 1	11,334	9,400	7,583	9,297	37,614
Location 2	2,308	2,350	2,245	11,322	18,225
Location 3	11,707	13,605	15,533	4,706	45,551
Total per Plot	25,349	25,355	25,361	25,325	101,390

Maximum Supply

The maximum supply is set to a constant which is limited to the maximum level of the item supply listed below which is circulating within the game. The circulating supply is caused various systems such as farming system that allows players to plant the seeds or the item collection system in different locations. Information regarding each raw material (farm item) is given in the table below:

Farm Item (L1)

Name	Hard Cap	Item initial Pool	XRB initial Pool	Reward Per Block*	Farm Type	Price
StrawBerry	2,554,416,000.00	212,868,000.00	240,000.00	32	A	0.00112746
Ginger	3,028,507,000.00	252,375,000.00	220,000.00	38	A	0.00087172
Watermelon	2,393,582,000.00	199,465,000.00	200,000.00	30	A	0.00100268
Melon	1,675,612,000.00	139,634,000.00	280,000.00	21	A	0.00200524
Cherry	3,187,238,000.00	265,603,000.00	260,000.00	40	A	0.0009789
Orange	1,833,292,000.00	152,774,000.00	200,000.00	23	A	0.00130912
Carrot	6,378,681,000.00	531,556,000.00	440,000.00	80	B	0.00082776
Pomegranate	2,947,564,000.00	245,630,000.00	200,000.00	37	B	0.00081423
GourdLeaves	1,674,561,000.00	139,546,000.00	230,000.00	21	B	0.00164819
Tomato	3,030,609,000.00	252,550,000.00	280,000.00	38	B	0.00110869
Prune	1,994,126,000.00	166,177,000.00	230,000.00	25	B	0.00138406
CoffeeBeans	1,277,208,000.00	106,434,000.00	180,000.00	16	B	0.00169119
Apple	1,834,344,000.00	152,862,000.00	280,000.00	23	C	0.00183172
Grape	2,072,966,000.00	172,747,000.00	260,000.00	26	C	0.00150509
Lime	2,714,198,000.00	226,183,000.00	280,000.00	34	C	0.00123793
Pineapple	3,748,579,000.00	312,381,000.00	260,000.00	47	C	0.00083232
GreenApple	2,149,704,000.00	179,142,000.00	260,000.00	27	C	0.00145136
Lemon	4,148,035,000.00	345,669,000.00	260,000.00	52	C	0.00075216

* For Reference: Below is a comprehensive list of all items that appear within the game where 1 Block = 5 seconds

Free Item (L1)

Name	Hard Cap	Item initial Pool	XRB initial Pool	RewardPerHr	Price
StrawBerry	same as farm	same as farm	same as farm	1,260.00	same as farm
Ginger	same as farm	same as farm	same as farm	1,450.00	same as farm
Watermelon	same as farm	same as farm	same as farm	1,170.00	same as farm
Melon	same as farm	same as farm	same as farm	820	same as farm
Cherry	same as farm	same as farm	same as farm	1,520.00	same as farm
Orange	same as farm	same as farm	same as farm	880	same as farm
Carrot	same as farm	same as farm	same as farm	3,080.00	same as farm
Pomegranate	same as farm	same as farm	same as farm	1,400.00	same as farm
GourdLeaves	same as farm	same as farm	same as farm	810	same as farm
Tomato	same as farm	same as farm	same as farm	1,470.00	same as farm
Prune	same as farm	same as farm	same as farm	970	same as farm
CoffeeBeans	same as farm	same as farm	same as farm	630	same as farm
Apple	same as farm	same as farm	same as farm	890	same as farm
Grape	same as farm	same as farm	same as farm	1,000.00	same as farm
Lime	same as farm	same as farm	same as farm	1,340.00	same as farm
Pineapple	same as farm	same as farm	same as farm	1,820.00	same as farm
GreenApple	same as farm	same as farm	same as farm	1,010.00	same as farm
Lemon	same as farm	same as farm	same as farm	2,020.00	same as farm
Blueberry	811,526,000.00	67,627,000.00	4,200.00	7,720.00	0.00006211
Raspberry	811,526,000.00	67,627,000.00	4,200.00	7,720.00	0.00006211
Blackberry	811,526,000.00	67,627,000.00	4,200.00	7,720.00	0.00006211
Honey	946,080,000.00	78,840,000.00	6,200.00	9,000.00	0.00007864
Golden Honey	1,492,704,000.00	124,392,000.00	9,800.00	14,200.00	0.00007878
Mad Honey	1,492,704,000.00	124,392,000.00	9,800.00	14,200.00	0.00007878
Pear	856,728,000.00	71,394,000.00	4,200.00	8,150.00	0.00005883
Mushroom Bitkub	856,728,000.00	71,394,000.00	4,200.00	8,150.00	0.00005883
Mushroom Mutelulu	856,728,000.00	71,394,000.00	4,200.00	8,150.00	0.00005883
Water	1,282,464,000.00	106,872,000.00	6,300.00	12,200.00	0.00005895
Ice	967,104,000.00	80,592,000.00	6,300.00	9,200.00	0.00007817
Salt	1,282,464,000.00	106,872,000.00	6,300.00	12,200.00	0.00005895
Ash Log	1,587,312,000.00	132,276,000.00	5,200.00	15,100.00	0.00003931
Maple Log	1,587,312,000.00	132,276,000.00	5,200.00	15,100.00	0.00003931
Birch Log	1,587,312,000.00	132,276,000.00	5,200.00	15,100.00	0.00003931
Ash Special Log	452,016,000.00	37,668,000.00	7,400.00	4,300.00	0.00019645
Maple Special Log	452,016,000.00	37,668,000.00	7,400.00	4,300.00	0.00019645

Name	Hard Cap	Item initial Pool	XRB initial Pool	RewardPerHr	Price
Birch Special Log	452,016,000.00	37,668,000.00	7,400.00	4,300.00	0.00019645
Wool Scrap	856,728,000.00	71,394,000.00	4,225.00	8,150.00	0.00005918
Linen Scrap	856,728,000.00	71,394,000.00	4,225.00	8,150.00	0.00005918
Silk Scrap	856,728,000.00	71,394,000.00	4,225.00	8,150.00	0.00005918
Cotton Scrap	856,728,000.00	71,394,000.00	4,225.00	8,150.00	0.00005918
Thin Leather	420,480,000.00	35,040,000.00	6,800.00	4,000.00	0.00019406
Raw Hide Leather	420,480,000.00	35,040,000.00	6,800.00	4,000.00	0.00019406
Raw Fur	693,792,000.00	57,816,000.00	6,800.00	6,600.00	0.00011761
Thin Fur	693,792,000.00	57,816,000.00	6,800.00	6,600.00	0.00011761
Raw Emerald	609,696,000.00	50,808,000.00	20,000.00	5,800.00	0.00039364
Raw Diamond	609,696,000.00	50,808,000.00	20,000.00	5,800.00	0.00039364
Raw Topaz	609,696,000.00	50,808,000.00	20,000.00	5,800.00	0.00039364
Raw Ruby	609,696,000.00	50,808,000.00	20,000.00	5,800.00	0.00039364
Copper Ore	504,576,000.00	42,048,000.00	4,900.00	4,800.00	0.00011653
Silver Ore	504,576,000.00	42,048,000.00	5,100.00	4,800.00	0.00012129
Iron Ore	504,576,000.00	42,048,000.00	5,300.00	4,800.00	0.00012605
Platinum Ore	504,576,000.00	42,048,000.00	5,500.00	4,800.00	0.0001308

Crafting recipes (L2)

Name	Craft Price	ingredient	Qty
Copper Ingot	0.000583	Copper Ore	50
Iron Ingot	0.00063	Iron Ore	50
Silver Ingot	0.000606	Silver Ore	50
Platinum Ingot	0.000654	Platinum Ore	50
Emerald	0.00059	Raw Emerald	15
Diamond	0.00059	Raw Diamond	15
Topaz	0.00059	Raw Topaz	15
Ruby	0.00059	Raw Ruby	15
Cotton Thread	0.000071	Cotton Scrap	12
Linen Thread	0.000071	Linen Scrap	12
Silk Thread	0.000071	Silk Scrap	12
Wool Thread	0.000071	Wool Scrap	12
Processed Thin Leather	0.000388	Thin Leather	20
Processed Hide Leather	0.000388	Raw Hide Leather	20
Processed Fur	0.00047	Raw Fur	40
Processed Thin Fur	0.00047	Thin Fur	40
Ash Lumber	0.000393	Ash Log	100
Maple Lumber	0.000393	Maple Log	100
Birch Lumber	0.000393	Birch Log	100
Ash Special Lumber	0.000491	Ash Special Log	25
Maple Special Lumber	0.000491	Maple Special Log	25
Birch Special Lumber	0.000491	Birch Special Log	25
Orange Juice	0.002095	Orange	16
Strawberry Juice	0.001656	StrawBerry	15
Ginger Juice	0.001324	Ginger	15
Watermelon Juice	0.00149	Watermelon	15
Melon Juice	0.002981	Melon	15
Cherry Juice	0.001391	Cherry	14
Coffee	0.002484	CoffeeBeans	15
Prune Juice	0.00207	Prune	15
Tomato Juice	0.001104	Tomato	10
Carrot Juice	0.001408	Carrot	17
Gourd Leaves Juice	0.001987	GourdLeaves	12
Pomegranate Juice	0.001242	Pomegranate	15
Apple Juice	0.002733	Apple	15
Grape Juice	0.002276	Grape	15
Lime Juice	0.001857	Lime	15

Name	Craft Price	ingredient	Qty
Pineapple Juice	0.000828	Pineapple	10
Green Apple Juice	0.002236	GreenApple	15
Lemon Juice	0.001118	Lemon	15
Blueberry Juice	0.000621	Blueberry	100
Raspberry Juice	0.000683	Raspberry	110
Blackberry Juice	0.000745	Blackberry	120
Honey Juice	0.000786	Honey	100
Golden Honey Juice	0.000867	Golden Honey	110
Mad Honey Juice	0.000945	Mad Honey	120
Pear Juice	0.000353	Pear	60
Grilled Bitkub Mushroom	0.000412	Mushroom Bitkub	70
Grilled Mutelulu Mushroom	0.000471	Mushroom Mutelulu	80
Sweet-Girl Doll Sleeve Shirt	0.008335	Linen Scrap	40
		Birch Log	60
		Birch Lumber	20
Yellow Summer Shirt	0.008354	Cotton Scrap	50
		Maple Log	50
		Maple Lumber	20
Green grass Shirt	0.008354	Wool Scrap	50
		Ash Log	50
		Ash Lumber	20
Spoiled Kid Shirt	0.008354	Silk Scrap	50
		Maple Log	50
		Birch Lumber	20
Over Size 2-Tone Shirt	0.008354	Silk Scrap	50
		Ash Log	50
		Maple Lumber	20
XR Collection T-Shirt	0.017417	Cotton Scrap	60
		Maple Log	50
		Ash Log	50
		Sweet-Girl Doll Sleeve Shirt	2
Aunty Next Door Blouse	0.017457	Cotton Scrap	60
		Ash Log	50
		Birch Log	50
		Yellow Summer Shirt	2
Love Conquers All Blouse	0.017457	Wool Scrap	60
		Birch Log	50
		Maple Log	50
		Green grass Shirt	2

Name	Craft Price	ingredient	Qty
Free-time Pro Golf Shirt	0.017457	Linen Scrap	60
		Birch Log	50
		Maple Log	50
		Spoiled Kid Shirt	2
Amen Shirt	0.017457	Cotton Scrap	60
		Ash Log	50
		Birch Log	50
		Over Size 2-Tone Shirt	2
Hawaiian Carrot Shirt	0.035584	Wool Scrap	50
		Linen Scrap	50
		Ash Log	40
		XRB Collection T-Shirt	2
Fluffy Ancient Dessert Shirt	0.035663	Linen Scrap	50
		Wool Scrap	50
		Maple Log	40
		Aunty Next Door Blouse	2
Saturn Tracksuit	0.035663	Cotton Scrap	50
		Silk Scrap	50
		Birch Log	40
		Love Conquers All Blouse	2
Evening Hawaiian Shirt	0.035663	Silk Scrap	50
		Cotton Scrap	50
		Ash Log	40
		Free-time Pro Golf Shirt	2
Village-Head Man's Daughter's Shirt	0.035663	Silk Scrap	50
		Wool Scrap	50
		Maple Log	40
		Amen Shirt	2
Strong Striped Shirt	0.109372	Cotton Thread	30
		Thin Fur	25
		Ash Special Log	10
		Hawaiian Carrot Shirt	3
Hand-Woven Banana Leaf Shirt	0.109781	Silk Thread	30
		Raw Hide Leather	25
		Birch Special Log	9
		Fluffy Ancient Dessert Shirt	2
		Village-Head Man's Daughter's Shirt	1

Name	Craft Price	ingredient	Qty
Daddy's Jacket	0.109801	Linen Thread	30
		Thin Leather	25
		Maple Special Log	10
		Saturn Tracksuit	1
		Evening Hawaiian Shirt	2
To the Moon suit	0.227205	Cotton Thread	30
		Linen Thread	20
		Maple Special Lumber	10
		Strong Striped Shirt	2
Galaxy Bloom Shirt	0.222596	Linen Thread	30
		Wool Thread	10
		Thin Leather	10
		Hand-Woven Banana Leaf Shirt	2
Neo-Hologram Shirt	0.22792	Wool Thread	30
		Silk Thread	18
		Birch Special Lumber	10
		Daddy's Jacket	2
Top Gun Shirt	0.231815	Cotton Thread	30
		Linen Thread	10
		Maple Special Lumber	20
		Strong Striped Shirt	1
		Hand-Woven Banana Leaf Shirt	1
Hundred Million Dollar Girl Shirt	0.222616	Silk Thread	30
		Cotton Thread	7
		Thin Leather	20
		Daddy's Jacket	2
Lv1 Rabbitian Backpack	0.05905	Ruby	25
		Diamond	25
		Emerald	25
		Topaz	25
Lv2 Waving Cave	0.128908	Processed Hide Leather	45
		Processed Thin Leather	45
		Lv1 Rabbitian Backpack	1
Lv3 Fluorescent Neon Backpack	0.241804	Processed Fur	60
		Processed Thin Fur	60
		Lv2 Waving Cave	1
Lv4 Neon Digital Cassette Backpack	0.397044	Processed Hide Leather	100
		Processed Thin Leather	100
		Lv3 Fluorescent Neon Backpack	1

Name	Craft Price	ingredient	Qty
Lv5 Cute Digital Cassette Backpack	0.585204	Processed Fur	100
		Processed Thin Fur	100
		Lv4 Neon Digital Cassette Backpack	1
Lv6 Tiny Angle Wings	0.740444	Processed Hide Leather	100
		Processed Thin Leather	100
		Lv5 Cute Digital Cassette Backpack	1
Lv7 Gameboy Wabbit Backpack	0.966236	Processed Fur	120
		Processed Thin Fur	120
		Lv6 Tiny Angle Wings	1
Lv8 Fuchsia Gameboy Kitty Backpack	1.152524	Processed Hide Leather	120
		Processed Thin Leather	120
		Lv7 Gameboy Wabbit Backpack	1
Lv9 Fairy Crystal Wings	1.378316	Processed Fur	120
		Processed Thin Fur	120
		Lv8 Fuchsia Gameboy Kitty Backpack	1
Lv10 Maki Neko Backpack	1.580128	Processed Hide Leather	130
		Processed Thin Leather	130
		Lv9 Fairy Crystal Wings	1
Lv11 Pink Lucky Baby Backpack	1.824736	Processed Fur	130
		Processed Thin Fur	130
		Lv10 Maki Neko Backpack	1
Lonely Pink Earwear	0.008706	Ash Log	30
		Thin Leather	40
		Processed Thin Leather	10
		Ash Lumber	10
Harajuku Earwear	0.010647	Maple Log	30
		Raw Hide Leather	40
		Processed Hide Leather	15
		Maple Lumber	10
Golden Rubber Earwear	0.009106	Ash Log	30
		Raw Fur	30
		Processed Fur	10
		Ash Lumber	10
Smiling Earwear	0.009282	Birch Log	30
		Thin Fur	45
		Processed Thin Fur	10
		Birch Lumber	10

Name	Craft Price	ingredient	Qty
Normal Mini-Pod Earwear	0.008318	Maple Log	30
		Thin Leather	20
		Processed Thin Leather	10
		Maple Lumber	10
Pistachi-Oh! Earwear	0.008609	Maple Log	30
		Raw Hide Leather	35
		Processed Hide Leather	10
		Maple Lumber	10
Rose Petal Earwear	0.009341	Ash Log	30
		Raw Fur	50
		Processed Fur	10
		Ash Lumber	10
Green Plankton Earwear	0.009223	Birch Log	30
		Thin Fur	40
		Processed Thin Fur	10
		Birch Lumber	10
Lovely Lady Bow Earwear	0.018355	Ash Special Log	30
		Thin Fur	20
		Linen Scrap	20
		Lonely Pink Earwear	2
Dice Earwear	0.022351	Maple Special Log	30
		Raw Fur	20
		Copper Ore	20
		Harajuku Earwear	2
Carro-Pod Earwear	0.019451	Birch Special Log	30
		Raw Hide Leather	20
		Platinum Ore	20
		Golden Rubber Earwear	2
Wounded Earwear	0.01993	Ash Special Log	30
		Thin Leather	20
		Thin Leather	20
		Smiling Earwear	2
Super-Duper Gaudy Earwear	0.017713	Birch Special Log	30
		Thin Fur	20
		Iron Ore	20
		Normal Mini-Pod Earwear	2
Dreamy Shooting Star Earwear	0.018457	Maple Special Log	30
		Raw Hide Leather	20
		Platinum Ore	20
		Pistachi-Oh! Earwear	2

Name	Craft Price	ingredient	Qty
Lost-In-The-Woods Elf Earwear	0.049285	Ash Lumber	30
		Ash Special Log	20
		Thin Leather	20
		Lovely Lady Bow Earwear	2
Cupid's Arrow Earwear	0.05714	Maple Lumber	30
		Maple Special Log	20
		Iron Ore	20
		Dice Earwear	2
Nom-Nom Skeleton Earwear	0.051339	Birch Lumber	30
		Birch Special Log	20
		Iron Ore	20
		Carro-Pod Earwear	2
Magical Girl Earwear	0.052307	Birch Lumber	30
		Birch Special Log	20
		Platinum Ore	20
		Wounded Earwear	2
Futuristic Earwear	0.047844	Ash Lumber	30
		Ash Special Log	20
		Copper Ore	20
		Super-Duper Gaudy Earwear	2
Cyborg Armored Earwear	0.120538	Ash Special Lumber	20
		Ash Lumber	20
		Copper Ore	15
		Nom-Nom Skeleton Earwear	2
Kero-Kero Socks Earwear	0.122475	Maple Special Lumber	20
		Maple Lumber	20
		Thin Fur	15
		Magical Girl Earwear	2
Meow-Meow Mitten Earwear	0.113549	Birch Special Lumber	20
		Birch Lumber	20
		Raw Fur	15
		Futuristic Earwear	2
OMG Master Earwear	0.275518	Ash Special Lumber	50
		Maple Special Lumber	20
		Platinum Ore	5
		Cyborg Armored Earwear	2
Forest King Earwear	0.274477	Birch Special Lumber	50
		Maple Special Lumber	10
		Silver Ore	5
		Kero-Kero Socks Earwear	2

Name	Craft Price	ingredient	Qty
Ice-Cream Hairstyle	0.009446	Thin Fur	50
		Emerald	15
Simple-Handsome Hairstyle	0.00944	Raw Hide Leather	30
		Diamond	15
Business Man Hairstyle	0.009446	Raw Fur	50
		Topaz	15
Short Curly Hairstyle	0.00944	Thin Leather	30
		Ruby	15
Bob Hairstyle	0.00944	Thin Leather	30
		Emerald	15
Korean-Boy Hairstyle	0.00944	Raw Hide Leather	30
		Diamond	15
Twin Mini-Bun Hairstyle	0.009446	Thin Fur	50
		Topaz	15
Handsome-Slender Hairstyle	0.009446	Raw Fur	50
		Ruby	15
Sakura Hairstyle	0.020115	Raw Hide Leather	60
		Wool Scrap	10
		Ice-Cream Hairstyle	2
Four Caps Yod-Kuman Hairstyle	0.019969	Thin Fur	70
		Cotton Scrap	45
		Simple-Handsome Hairstyle	2
Skinhead Hairstyle	0.019833	Raw Fur	60
		Linen Scrap	40
		Business Man Hairstyle	2
Short Twin Tails Hairstyle	0.019698	Thin Leather	30
		Silk Scrap	40
		Short Curly Hairstyle	2
Sweet Girl Pony Tail Hairstyle	0.019644	Thin Fur	60
		Cotton Scrap	10
		Bob Hairstyle	2
Curly Bob Hairstyle	0.019616	Raw Fur	45
		Linen Scrap	35
		Korean-Boy Hairstyle	2
Japanese Folk Hairstyle	0.019853	Thin Leather	45
		Silk Scrap	15
		Twin Mini-Bun Hairstyle	2
Cool Tiled Hairstyle	0.019718	Raw Hide Leather	35
		Wool Scrap	25
		Handsome-Slender Hairstyle	2

Name	Craft Price	ingredient	Qty
Dreadlocks Manbun Hairstyle	0.042747	Cotton Thread	30
		Thin Leather	20
		Sakura Hairstyle	2
Hi-Top Fade Hairstyle	0.042456	Silk Thread	30
		Raw Hide Leather	20
		Four Caps Yod-Kuman Hairstyle	2
Two-Tone Twin Tailed hairstyle	0.042091	Cotton Thread	30
		Raw Fur	25
		Skinhead Hairstyle	2
Hot Pony Tail Hairstyle	0.041915	Silk Thread	30
		Thin Leather	20
		Short Twin Tails Hairstyle	2
Curly Two-Block Hairstyle	0.041807	Linen Thread	30
		Raw Hide Leather	20
		Sweet Girl Pony Tail Hairstyle	2
Werewolf Hairstyle	0.041656	Wool Thread	30
		Raw Fur	25
		Curly Bob Hairstyle	2
Candy Girl Bun Hairstyle	0.042224	Wool Thread	30
		Raw Hide Leather	20
		Japanese Folk Hairstyle	2
Short Emo Hairstyle	0.041955	Silk Thread	30
		Thin Leather	20
		Cool Tiled Hairstyle	2
One-Eyed Moss Hairstyle	0.042149	Wool Thread	30
		Raw Hide Leather	30
		Cool Tiled Hairstyle	2
Slanted Teen Hairstyle	0.088064	Cotton Thread	40
		Raw Hide Leather	40
		Candy Girl Bun Hairstyle	2
Bob-Bob-Bob Hairstyle	0.087219	Silk Thread	40
		Raw Fur	40
		Short Emo Hairstyle	2
Samurai Spider Hairstyle	0.087913	Linen Thread	40
		Raw Hide Leather	40
		One-Eyed Moss Hairstyle	2
Frankie Yankee Hairstyle	0.192016	Processed Thin Fur	30
		Linen Thread	25
		Slanted Teen Hairstyle	2

Name	Craft Price	ingredient	Qty
Cute Mohawk Hairstyle	0.192016	Processed Fur	30
		Cotton Thread	25
		Slanted Teen Hairstyle	2
Poopy Hairstyle	0.187857	Processed Thin Leather	30
		Wool Thread	25
		Bob-Bob-Bob Hairstyle	2
Lizard-Headed Twin Hairstyle	0.189245	Processed Hide Leather	30
		Silk Thread	25
		Samurai Spider Hairstyle	2
Space Bubble Tea	0.008622	Ash Log	20
		Raw Topaz	13
		Silver Ore	14
		Ash Lumber	20
Cool Handheld Fan	0.008627	Maple Log	20
		Raw Topaz	12
		Iron Ore	17
		Maple Lumber	20
Asian Mom's Weapon	0.008622	Birch Log	20
		Raw Ruby	13
		Platinum Ore	13
		Birch Lumber	20
Hooligan Baseball Bat	0.018015	Birch Special Log	20
		Raw Emerald	8
		Iron Ore	5
		Space Bubble Tea	2
Scream Chicken	0.018021	Maple Special Log	20
		Raw Diamond	8
		Copper Ore	5
		Cool Handheld Fan	2
Doggo Shark Plushie	0.018018	Ash Special Log	20
		Raw Emerald	8
		Platinum Ore	5
		Asian Mom's Weapon	2
Bunny Yokia Hammer	0.062042	Ash Lumber	20
		Topaz	11
		Copper Ingot	20
		Hooligan Baseball Bat	2
Electric Racket	0.063003	Maple Lumber	20
		Ruby	11
		Iron Ingot	20
		Scream Chicken	2

Name	Craft Price	ingredient	Qty
Poop Spirit Scepter	0.088527	Birch Lumber	20
		Emerald	11
		Silver Ingot	20
		Bunny Yokia Hammer	1
Rainbow Unicorn Bazooka	0.206452	Ash Special Lumber	20
		Diamond	11
		Platinum Ingot	20
		Poop Spirit Scepter	2
Wood Axe	0.000756	Ash Log	50
		Copper Ore	48
Steel Axe	0.006904	Ash Log	53
		Iron Ingot	10
		Raw Emerald	10
Lighting Axe	0.003582	Ash Special Log	24
		Copper Ingot	5
		Raw Diamond	5
Turbo Axe	0.028672	Ash Lumber	50
		Silver Ingot	10
		Ruby	5
Double Sharp Axe	0.027172	Ash Special Lumber	36
		Platinum Ingot	10
		Topaz	5
Wood Pickaxe	0.000751	Birch Log	50
		Iron Ore	44
Silver Alloy Pickaxe	0.000765	Birch Log	50
		Copper Ore	15
		Raw Ruby	10
Black Rock Breaker	0.004232	Birch Special Log	45
		Iron Ingot	5
		Raw Topaz	5
Cyber Breaker	0.023674	Birch Lumber	45
		Silver Ingot	5
		Emerald	5
Crystal Force Destroyer	0.028322	Birch Special Lumber	45
		Platinum Ingot	5
		Diamond	5
Cadet Hat	0.009565	Thin Leather	30
		Ash Log	32
		Diamond	15

Name	Craft Price	ingredient	Qty
Beret Hat	0.009565	Raw Hide Leather	30
		Ash Log	32
		Emerald	15
Garrison Hat	0.009572	Raw Fur	45
		Maple Log	47
		Ruby	15
Bamboo Flying Copter	0.009572	Thin Fur	45
		Birch Log	47
		Topaz	15
Golf Hat	0.019891	Thin Leather	30
		Cotton Scrap	30
		Cadet Hat	2
Knit Hat	0.019868	Raw Fur	40
		Linen Scrap	45
		Beret Hat	2
Green Chinese Hat	0.019909	Thin Fur	45
		Wool Scrap	40
		Garrison Hat	2
Red Chinese Hat	0.019903	Raw Hide Leather	30
		Silk Scrap	30
		Bamboo Flying Copter	2
Onigiri Cap	0.019903	Thin Leather	30
		Wool Scrap	30
		Bamboo Flying Copter	2
Onigiri Head	0.042206	Cotton Thread	30
		Ash Special Log	15
		Golf Hat	2
Indian Hat	0.04216	Silk Thread	30
		Maple Special Log	15
		Knit Hat	2
Flower Crown	0.042243	Linen Thread	30
		Birch Special Log	15
		Green Chinese Hat	2
Puppy On Your Cap	0.04223	Silk Thread	30
		Ash Special Log	15
		Red Chinese Hat	2
Maid Hat	0.04223	Wool Thread	30
		Maple Special Log	15
		Onigiri Cap	2

Name	Craft Price	ingredient	Qty
Puppy On Your Head	0.04223	Cotton Thread	30
		Birch Special Log	15
		Onigiri Cap	2
Golden Circle	0.091453	Cotton Thread	30
		Thin Leather	10
		Birch Lumber	12
		Onigiri Head	2
Diamond Crown	0.091285	Linen Thread	30
		Thin Fur	10
		Birch Lumber	12
		Indian Hat	2
The Colorful Helmet	0.09145	Silk Thread	30
		Raw Fur	10
		Maple Lumber	12
		Flower Crown	2
Leader Indian Hat	0.091425	Wool Thread	30
		Raw Fur	10
		Maple Lumber	12
		Puppy On Your Cap	2
Captain Jack's Hat	0.091501	Linen Thread	30
		Raw Hide Leather	10
		Ash Lumber	12
		Maid Hat	2
Police Cap	0.202627	Processed Thin Leather	30
		Linen Thread	10
		Birch Special Lumber	15
		Golden Circle	2
International Police Cap	0.20229	Processed Hide Leather	30
		Silk Thread	10
		Maple Special Lumber	15
		Diamond Crown	2
The Original Space Helmet	0.205089	Processed Thin Fur	30
		Wool Thread	10
		Ash Special Lumber	15
		The Colorful Helmet	2
Farmer Copper Hat	0.205039	Processed Fur	30
		Cotton Thread	10
		Maple Special Lumber	15
		Leader Indian Hat	2

Name	Craft Price	ingredient	Qty
Salt-Hat for unlucky people	0.000717	Thin Leather	30
		Copper Ore	9
		Salt	5
Rabbitian Red Tech Watch	0.008195	Raw Emerald	15
		Copper Ingot	13
		Water	5
Rabbitian Orange Tech Watch	0.008468	Raw Diamond	15
		Platinum Ingot	12
		Salt	5
Indigo Bracelet	0.008192	Raw Emerald	15
		Iron Ingot	12
		Ice	5
Cute Carrot Wristband	0.007897	Raw Ruby	15
		Silver Ingot	12
		Water	5
Shiny Aqua Bracelet	0.008813	Raw Topaz	15
		Iron Ingot	13
		Water	5
Expensive Pearl Bracelet	0.050289	Ruby	30
		Iron Ingot	25
		Ice	20
		Rabbitian Red Tech Watch	1
		Rabbitian Orange Tech Watch	1
Three Star Bracelets	0.049196	Topaz	25
		Silver Ingot	30
		Salt	26
		Indigo Bracelet	1
		Cute Carrot Wristband	1
Shark Tooth Rope Bracelet	0.048544	Topaz	30
		Platinum Ingot	20
		Water	21
		Shiny Aqua Bracelet	2
Punk Bunny Bracelet	0.120626	Emerald	20
		Silver Ingot	15
		Ice	30
		Expensive Pearl Bracelet	1
		Three Star Bracelets	1
Millennium Watch	0.267759	Platinum Ingot	25
		Diamond	17
		Salt	20
		Punk Bunny Bracelet	2

Name	Craft Price	ingredient	Qty
Classic Jeans	0.008022	Cotton Scrap	50
		Silver Ore	20
		Silver Ingot	10
		Cotton Thread	20
Leaf Green Chino Pants	0.008517	Wool Scrap	50
		Platinum Ore	20
		Platinum Ingot	10
		Wool Thread	20
Nippon Boy Mid-Range Pants	0.007776	Cotton Scrap	50
		Copper Ore	20
		Copper Ingot	10
		Cotton Thread	20
Lightning Running Pants	0.00827	Silk Scrap	50
		Iron Ore	20
		Iron Ingot	10
		Silk Thread	20
Butterfly Pea Skirt	0.008022	Linen Scrap	50
		Silver Ore	20
		Silver Ingot	10
		Linen Thread	20
Teacher's skirt	0.016806	Silk Scrap	40
		Copper Ore	45
		Classic Jeans	2
Myan-Mong Pants	0.017843	Wool Scrap	30
		Iron Ore	50
		Leaf Green Chino Pants	2
Shallow Water Surf Shorts	0.016312	Wool Scrap	30
		Copper Ore	50
		Nippon Boy Mid-Range Pants	2
Cherry Cheerleader Skirt	0.017365	Linen Scrap	40
		Platinum Ore	45
		Lightning Running Pants	2
Bacon Jumper Pants	0.016888	Cotton Scrap	40
		Silver Ore	50
		Butterfly Pea Skirt	2
Sawasdee Thailand Pants	0.043521	Cotton Thread	20
		Copper Ore	40
		Teacher's skirt	2
		Classic Jeans	1

Name	Craft Price	ingredient	Qty
Hip Hop Orange Pants	0.046108	Silk Thread	20
		Silver Ore	40
		Myan-Mong Pants	2
		Leaf Green Chino Pants	1
City Biscuit Skirt	0.044343	Wool Thread	50
		Platinum Ore	30
		Shallow Water Surf Shorts	2
		Nippon Boy Mid-Range Pants	1
Super-Cool Pants	0.0469	Linen Thread	50
		Copper Ore	30
		Cherry Cheerleader Skirt	2
		Lightning Running Pants	1
Hippie-Popotemus Skirt	0.043998	Linen Thread	25
		Silver Ore	35
		Bacon Jumper Pants	2
		Butterfly Pea Skirt	1
Elvis Pants	0.105595	Cotton Thread	30
		Iron Ore	30
		Sawasdee Thailand Pants	2
		Butterfly Pea Skirt	2
Jabar-Trainee Pilot Pants	0.094384	Silk Thread	25
		Platinum Ore	30
		Hip Hop Orange Pants	2
Savannah Zebra Cowboy Pants	0.100566	Wool Thread	40
		Platinum Ore	40
		City Biscuit Skirt	2
		Leaf Green Chino Pants	1
Mangosteen Space Sarong	0.101279	Linen Thread	25
		Copper Ore	50
		Super-Cool Pants	1
		Hippie-Popotemus Skirt	1
		Classic Jeans	1
Diva Shiny Skirt	0.241936	Wool Thread	30
		Copper Ingot	20
		Ice	20
		Elvis Pants	2
		Teacher's skirt	1

Name	Craft Price	ingredient	Qty
Neon S.W.A.T. Pants	0.221998	Silk Thread	30
		Platinum Ingot	20
		Salt	30
		Jabar-Trainee Pilot Pants	2
		Myan-Mong Pants	1
Rocker's Hot Pants	0.232356	Cotton Thread	30
		Iron Ingot	20
		Water	30
		Savannah Zebra Cowboy Pants	2
		Shallow Water Surf Shorts	1
3D Butterfly Pants	0.234415	Linen Thread	30
		Silver Ingot	20
		Ice	30
		Mangosteen Space Sarong	2
		Cherry Cheerleader Skirt	1
The Ancient Skirt	0.243347	Silk Thread	30
		Platinum Ingot	20
		Salt	10
		Elvis Pants	2
		Bacon Jumper Pants	1
Cookie Shoes	0.010326	Thin Leather	45
		Iron Ingot	15
Simple but Elegant Black Shoes	0.009802	Raw Fur	60
		Silver Ingot	15
Milky Bunny Boots	0.009517	Raw Hide Leather	40
		Copper Ingot	15
Space Slippers	0.010159	Thin Fur	60
		Iron Ingot	15
Milky Strawberry Moccasins	0.010574	Thin Fur	65
		Platinum Ingot	15
Matcha-Whipped Cream Boots	0.010516	Raw Fur	60
		Platinum Ingot	15
Mary Jane Black Shoes	0.010229	Thin Leather	40
		Iron Ingot	15
Toilet Slippers	0.00942	Raw Hide Leather	35
		Copper Ingot	15
Cowboy Boots	0.020101	Copper Ore	50
		Thin Leather	25
		Milky Bunny Boots	2

Name	Craft Price	ingredient	Qty
Japanese Geta Shoes	0.022268	Platinum Ore	50
		Raw Hide Leather	30
		Matcha-Whipped Cream Boots	2
Red High Heels	0.019961	Iron Ore	40
		Thin Fur	20
		Simple but Elegant Black Shoes	1
		Toilet Slippers	1
Checked Canvas Shoes	0.021224	Iron Ore	40
		Raw Fur	20
		Cookie Shoes	1
		Space Slippers	1
Carrot Cream Soda Slippers	0.021235	Silver Ore	40
		Thin Leather	15
		Mary Jane Black Shoes	2
Carrot Shoes	0.02206	Platinum Ore	40
		Raw Hide Leather	20
		Milky Strawberry Moccasins	2
Strawberry Lemon Sneakers	0.052289	Processed Thin Fur	20
		Copper Ore	50
		Milky Strawberry Moccasins	4
Blueberry Oreo Sneakers	0.079307	Processed Fur	35
		Platinum Ore	50
		Red High Heels	2
		Japanese Geta Shoes	1
Orange Berry Sneakers	0.056536	Processed Thin Leather	35
		Iron Ore	40
		Checked Canvas Shoes	2
Dark Sci-Fi Black Boots	0.057364	Processed Hide Leather	35
		Silver Ore	40
		Carrot Cream Soda Slippers	1
		Carrot Shoes	1
Super Cool Boots	0.119053	Silver Ore	30
		Processed Thin Fur	30
		Strawberry Lemon Sneakers	2
Glowing Chocolate Boots	0.174643	Iron Ore	40
		Processed Hide Leather	40
		Blueberry Oreo Sneakers	2
Cherry Sneakers	0.129887	Copper Ore	30
		Processed Fur	35
		Orange Berry Sneakers	2

Name	Craft Price	ingredient	Qty
Cat Paw Sneakers	0.126874	Iron Ore	40
		Processed Thin Leather	30
		Dark Sci-Fi Black Boots	2
Kick-The-Moon Winged Shoes	0.327428	Processed Thin Fur	30
		Platinum Ingot	30
		Super Cool Boots	1
		Glowing Chocolate Boots	1
Bunny Ears Sci-Fi Shoes	0.288024	Processed Hide Leather	30
		Platinum Ingot	30
		Cherry Sneakers	1
		Cat Paw Sneakers	1
Salt-Sock for unlucky people	0.00146	Thin Leather	30
		Copper Ore	50
		Salt	50

Product Item (L3)

Name	Maximum total supply	Item initial Pool	XRB initial Pool
Copper Ingot	10,091,000.00	2,480,000.00	22,000.00
Iron Ingot	10,091,000.00	2,396,000.00	23,000.00
Silver Ingot	10,091,000.00	2,599,000.00	24,000.00
Platinum Ingot	10,091,000.00	2,410,000.00	24,000.00
Emerald	40,646,000.00	7,008,000.00	63,000.00
Diamond	40,646,000.00	7,008,000.00	63,000.00
Topaz	40,646,000.00	7,008,000.00	63,000.00
Ruby	40,646,000.00	7,008,000.00	63,000.00
Cotton Thread	71,394,000.00	18,497,000.00	20,000.00
Linen Thread	71,394,000.00	18,497,000.00	20,000.00
Silk Thread	71,394,000.00	18,497,000.00	20,000.00
Wool Thread	71,394,000.00	18,497,000.00	20,000.00
Processed Thin Leather	21,024,000.00	4,738,000.00	28,000.00
Processed Hide Leather	21,024,000.00	4,738,000.00	28,000.00
Processed Fur	17,344,000.00	3,909,000.00	28,000.00
Processed Thin Fur	17,344,000.00	3,909,000.00	28,000.00
Ash Lumber	15,873,000.00	1,002,000.00	6,000.00
Maple Lumber	15,873,000.00	1,002,000.00	6,000.00
Birch Lumber	15,873,000.00	1,002,000.00	6,000.00
Ash Special Lumber	18,080,000.00	802,000.00	6,000.00
Maple Special Lumber	18,080,000.00	802,000.00	6,000.00
Birch Special Lumber	18,080,000.00	802,000.00	6,000.00
Orange Juice	114,580,000.00	3,135,000.00	100,000.00
Strawberry Juice	170,294,000.00	3,883,000.00	100,000.00
Ginger Juice	201,900,000.00	5,023,000.00	100,000.00
Watermelon Juice	159,572,000.00	4,367,000.00	100,000.00
Melon Juice	111,707,000.00	2,183,000.00	100,000.00
Cherry Juice	227,659,000.00	4,792,000.00	100,000.00
Coffee	85,147,000.00	2,589,000.00	100,000.00
Prune Juice	132,941,000.00	3,163,000.00	100,000.00
Tomato Juice	303,060,000.00	5,924,000.00	100,000.00
Carrot Juice	375,216,000.00	4,667,000.00	100,000.00
Gourd Leaves Juice	139,546,000.00	3,320,000.00	100,000.00
Pomegranate Juice	196,504,000.00	5,377,000.00	100,000.00
Apple Juice	122,289,000.00	2,390,000.00	100,000.00

Name	Maximum total supply	Item initial Pool	XRB initial Pool
Grape Juice	138,197,000.00	2,909,000.00	100,000.00
Lime Juice	180,946,000.00	3,537,000.00	100,000.00
Pineapple Juice	374,857,000.00	7,891,000.00	100,000.00
Green Apple Juice	143,313,000.00	3,017,000.00	100,000.00
Lemon Juice	276,535,000.00	5,821,000.00	100,000.00
Blueberry Juice	8,115,000.00	2,115,000.00	20,000.00
Raspberry Juice	7,377,000.00	1,922,000.00	20,000.00
Blackberry Juice	6,762,000.00	1,762,000.00	20,000.00
Honey Juice	9,460,000.00	2,255,000.00	27,000.00
Golden Honey Juice	13,570,000.00	2,880,000.00	38,000.00
Mad Honey Juice	12,439,000.00	2,640,000.00	38,000.00
Pear Juice	14,278,000.00	3,721,000.00	20,000.00
Grilled Bitkub Mushroom	12,238,000.00	3,189,000.00	20,000.00
Grilled Mutelulu Mushroom	10,709,000.00	2,791,000.00	20,000.00
Sweet-Girl Doll Sleeve Shirt	793,000.00	47,000.00	6,000.00
Yellow Summer Shirt	793,000.00	47,000.00	6,000.00
Green grass Shirt	793,000.00	47,000.00	6,000.00
Spoiled Kid Shirt	793,000.00	47,000.00	6,000.00
Over Size 2-Tone Shirt	793,000.00	47,000.00	6,000.00
XRB Collection T-Shirt	396,000.00	22,000.00	6,000.00
Aunty Next Door Blouse	396,000.00	22,000.00	6,000.00
Love Conquers All Blouse	396,000.00	22,000.00	6,000.00
Free-time Pro Golf Shirt	396,000.00	22,000.00	6,000.00
Amen Shirt	396,000.00	22,000.00	6,000.00
Hawaiian Carrot Shirt	198,000.00	11,000.00	6,000.00
Fluffy Ancient Dessert Shirt	198,000.00	11,000.00	6,000.00
Saturn Tracksuit	198,000.00	11,000.00	6,000.00
Evening Hawaiian Shirt	198,000.00	11,000.00	6,000.00
Village-Head Man's Daughter's Shirt	198,000.00	11,000.00	6,000.00
Strong Striped Shirt	66,000.00	3,604.00	6,000.00
Hand-Woven Banana Leaf Shirt	99,000.00	3,590.00	6,000.00
Daddy's Jacket	99,000.00	3,590.00	6,000.00

Name	Maximum total supply	Item initial Pool	XRB initial Pool
To the Moon suit	33,000.00	1,735.00	6,000.00
Galaxy Bloom Shirt	49,000.00	1,771.00	6,000.00
Neo-Hologram Shirt	49,000.00	1,730.00	6,000.00
Top Gun Shirt	66,000.00	1,701.00	6,000.00
Hundred Million Dollar Girl Shirt	49,000.00	1,771.00	6,000.00
Lv1 Rabbitian Backpack	1,625,000.00	6,674.00	6,000.00
Lv2 Waving Cave	467,000.00	4,194.00	6,000.00
Lv3 Fluorescent Neon Backpack	289,000.00	2,620.00	6,000.00
Lv4 Neon Digital Cassette Backpack	210,000.00	1,729.00	6,000.00
Lv5 Cute Digital Cassette Backpack	173,000.00	1,224.00	6,000.00
Lv6 Tiny Angle Wings	173,000.00	986	6,000.00
Lv7 Gameboy Wabbit Backpack	144,000.00	769	6,000.00
Lv8 Fuchsia Gameboy Kitty Backpack	144,000.00	651	6,000.00
Lv9 Fairy Crystal Wings	144,000.00	549	6,000.00
Lv10 Maki Neko Backpack	144,000.00	481	6,000.00
Lv11 Pink Lucky Baby Backpack	133,000.00	419	6,000.00
Lonely Pink Earwear	1,587,000.00	45,000.00	6,000.00
Harajuku Earwear	1,401,000.00	37,000.00	6,000.00
Golden Rubber Earwear	1,587,000.00	43,000.00	6,000.00
Smiling Earwear	1,587,000.00	42,000.00	6,000.00
Normal Mini-Pod Earwear	1,587,000.00	47,000.00	6,000.00
Pistachi-Oh! Earwear	1,587,000.00	45,000.00	6,000.00
Rose Petal Earwear	1,587,000.00	42,000.00	6,000.00
Green Plankton Earwear	1,587,000.00	42,000.00	6,000.00
Lovely Lady Bow Earwear	793,000.00	21,000.00	6,000.00
Dice Earwear	700,000.00	17,000.00	6,000.00
Carro-Pod Earwear	793,000.00	20,000.00	6,000.00
Wounded Earwear	793,000.00	19,000.00	6,000.00
Super-Duper Gaudy Earwear	793,000.00	22,000.00	6,000.00
Dreamy Shooting Star Earwear	793,000.00	21,000.00	6,000.00

Name	Maximum total supply	Item initial Pool	XRB initial Pool
Lost-In-The-Woods Elf Earwear	396,000.00	7,997.00	6,000.00
Cupid's Arrow Earwear	350,000.00	6,897.00	6,000.00
Nom-Nom Skeleton Earwear	396,000.00	7,677.00	6,000.00
Magical Girl Earwear	396,000.00	7,535.00	6,000.00
Futuristic Earwear	396,000.00	8,237.00	6,000.00
Cyborg Armored Earwear	198,000.00	3,270.00	6,000.00
Kero-Kero Socks Earwear	198,000.00	3,218.00	6,000.00
Meow-Meow Mitten Earwear	198,000.00	3,471.00	6,000.00
OMG Master Earwear	99,000.00	1,431.00	6,000.00
Forest King Earwear	99,000.00	1,436.00	6,000.00
Ice-Cream Hairstyle	2,709,000.00	41,000.00	6,000.00
Simple-Handsome Hairstyle	2,709,000.00	41,000.00	6,000.00
Business Man Hairstyle	2,709,000.00	41,000.00	6,000.00
Short Curly Hairstyle	2,709,000.00	41,000.00	6,000.00
Bob Hairstyle	2,709,000.00	41,000.00	6,000.00
Korean-Boy Hairstyle	2,709,000.00	41,000.00	6,000.00
Twin Mini-Bun Hairstyle	2,709,000.00	41,000.00	6,000.00
Handsome-Slender Hairstyle	2,709,000.00	41,000.00	6,000.00
Sakura Hairstyle	1,354,000.00	19,000.00	6,000.00
Four Caps Yod-Kuman Hairstyle	1,354,000.00	19,000.00	6,000.00
Skinhead Hairstyle	1,354,000.00	19,000.00	6,000.00
Short Twin Tails Hairstyle	1,354,000.00	20,000.00	6,000.00
Sweet Girl Pony Tail Hairstyle	1,354,000.00	20,000.00	6,000.00
Curly Bob Hairstyle	1,354,000.00	20,000.00	6,000.00
Japanese Folk Hairstyle	1,354,000.00	19,000.00	6,000.00
Cool Tiled Hairstyle	1,354,000.00	19,000.00	6,000.00
Dreadlocks Manbun Hairstyle	677,000.00	9,220.00	6,000.00
Hi-Top Fade Hairstyle	677,000.00	9,283.00	6,000.00
Two-Tone Twin Tailed hairstyle	677,000.00	9,363.00	6,000.00
Hot Pony Tail Hairstyle	677,000.00	9,403.00	6,000.00
Curly Two-Block Hairstyle	677,000.00	9,427.00	6,000.00
Werewolf Hairstyle	677,000.00	9,461.00	6,000.00
Candy Girl Bun Hairstyle	677,000.00	9,334.00	6,000.00

Name	Maximum total supply	Item initial Pool	XRB initial Pool
Short Emo Hairstyle	677,000.00	9,394.00	6,000.00
One-Eyed Moss Hairstyle	677,000.00	9,351.00	6,000.00
Slanted Teen Hairstyle	338,000.00	4,476.00	6,000.00
Bob-Bob-Bob Hairstyle	338,000.00	4,519.00	6,000.00
Samurai Spider Hairstyle	338,000.00	4,483.00	6,000.00
Frankie Yankee Hairstyle	169,000.00	2,053.00	6,000.00
Cute Mohawk Hairstyle	169,000.00	2,053.00	6,000.00
Poopy Hairstyle	169,000.00	2,098.00	6,000.00
Lizard-Headed Twin Hairstyle	169,000.00	2,083.00	6,000.00
Space Bubble Tea	793,000.00	45,000.00	6,000.00
Cool Handheld Fan	793,000.00	45,000.00	6,000.00
Asian Mom's Weapon	793,000.00	45,000.00	6,000.00
Hooligan Baseball Bat	396,000.00	21,000.00	6,000.00
Scream Chicken	396,000.00	21,000.00	6,000.00
Doggo Shark Plushie	396,000.00	21,000.00	6,000.00
Bunny Yokia Hammer	198,000.00	6,353.00	6,000.00
Electric Racket	198,000.00	6,256.00	6,000.00
Poop Spirit Scepter	198,000.00	4,452.00	6,000.00
Rainbow Unicorn Bazooka	99,000.00	1,909.00	6,000.00
Wood Axe	10,512,000.00	521,000.00	6,000.00
Steel Axe	1,009,000.00	57,000.00	6,000.00
Lighting Axe	2,018,000.00	110,000.00	6,000.00
Turbo Axe	317,000.00	13,000.00	6,000.00
Double Sharp Axe	502,000.00	14,000.00	6,000.00
Wood Pickaxe	11,467,000.00	524,000.00	6,000.00
Silver Alloy Pickaxe	31,746,000.00	515,000.00	6,000.00
Black Rock Breaker	2,018,000.00	93,000.00	6,000.00
Cyber Breaker	352,000.00	16,000.00	6,000.00
Crystal Force Destroyer	401,000.00	13,000.00	6,000.00
Cadet Hat	2,709,000.00	41,000.00	6,000.00
Beret Hat	2,709,000.00	41,000.00	6,000.00
Garrison Hat	2,709,000.00	41,000.00	6,000.00
Bamboo Flying Copter	2,709,000.00	41,000.00	6,000.00

Name	Maximum total supply	Item initial Pool	XRB initial Pool
Golf Hat	1,354,000.00	19,000.00	6,000.00
Knit Hat	1,354,000.00	19,000.00	6,000.00
Green Chinese Hat	1,354,000.00	19,000.00	6,000.00
Red Chinese Hat	1,354,000.00	19,000.00	6,000.00
Onigiri Cap	1,354,000.00	19,000.00	6,000.00
Onigiri Head	677,000.00	9,338.00	6,000.00
Indian Hat	677,000.00	9,348.00	6,000.00
Flower Crown	677,000.00	9,330.00	6,000.00
Puppy On Your Cap	677,000.00	9,332.00	6,000.00
Maid Hat	677,000.00	9,332.00	6,000.00
Puppy On Your Head	677,000.00	9,332.00	6,000.00
Golden Circle	338,000.00	4,310.00	6,000.00
Diamond Crown	338,000.00	4,318.00	6,000.00
The Colorful Helmet	338,000.00	4,310.00	6,000.00
Leader Indian Hat	338,000.00	4,311.00	6,000.00
Captain Jack's Hat	338,000.00	4,307.00	6,000.00
Police Cap	169,000.00	1,945.00	6,000.00
International Police Cap	169,000.00	1,949.00	6,000.00
The Original Space Helmet	169,000.00	1,922.00	6,000.00
Farmer Copper Hat	169,000.00	1,923.00	6,000.00
Salt-Hat for unlucky people	14,016,000.00	549,000.00	6,000.00
Rabbitian Red Tech Watch	776,000.00	48,000.00	6,000.00
Rabbitian Orange Tech Watch	840,000.00	46,000.00	6,000.00
Indigo Bracelet	840,000.00	48,000.00	6,000.00
Cute Carrot Wristband	840,000.00	49,000.00	6,000.00
Shiny Aqua Bracelet	776,000.00	44,000.00	6,000.00
Expensive Pearl Bracelet	403,000.00	7,837.00	6,000.00
Three Star Bracelets	336,000.00	8,011.00	6,000.00
Shark Tooth Rope Bracelet	388,000.00	8,119.00	6,000.00
Punk Bunny Bracelet	336,000.00	3,268.00	6,000.00
Millennium Watch	168,000.00	1,472.00	6,000.00
Classic Jeans	1,009,000.00	49,000.00	6,000.00
Leaf Green Chino Pants	1,009,000.00	46,000.00	6,000.00

Name	Maximum total supply	Item initial Pool	XRB initial Pool
Nippon Boy Mid-Range Pants	1,009,000.00	50,000.00	6,000.00
Lightning Running Pants	1,009,000.00	47,000.00	6,000.00
Butterfly Pea Skirt	1,009,000.00	49,000.00	6,000.00
Teacher's skirt	504,000.00	23,000.00	6,000.00
Myan-Mong Pants	504,000.00	22,000.00	6,000.00
Shallow Water Surf Shorts	504,000.00	24,000.00	6,000.00
Cherry Cheerleader Skirt	504,000.00	22,000.00	6,000.00
Bacon Jumper Pants	504,000.00	23,000.00	6,000.00
Sawasdee Thailand Pants	252,000.00	9,056.00	6,000.00
Hip Hop Orange Pants	252,000.00	8,548.00	6,000.00
City Biscuit Skirt	252,000.00	8,888.00	6,000.00
Super-Cool Pants	252,000.00	8,403.00	6,000.00
Hippie-Popotemus Skirt	252,000.00	8,957.00	6,000.00
Elvis Pants	126,000.00	3,733.00	6,000.00
Jabar-Trainee Pilot Pants	126,000.00	4,176.00	6,000.00
Savannah Zebra Cowboy Pants	126,000.00	3,919.00	6,000.00
Mangosteen Space Sarong	252,000.00	3,892.00	6,000.00
Diva Shiny Skirt	63,000.00	1,629.00	6,000.00
Neon S.W.A.T. Pants	63,000.00	1,776.00	6,000.00
Rocker's Hot Pants	63,000.00	1,697.00	6,000.00
3D Butterfly Pants	126,000.00	1,682.00	6,000.00
The Ancient Skirt	63,000.00	1,620.00	6,000.00
Cookie Shoes	672,000.00	38,000.00	6,000.00
Simple but Elegant Black Shoes	672,000.00	40,000.00	6,000.00
Milky Bunny Boots	672,000.00	41,000.00	6,000.00
Space Slippers	672,000.00	38,000.00	6,000.00
Milky Strawberry Moccasins	672,000.00	37,000.00	6,000.00
Matcha-Whipped Cream Boots	672,000.00	37,000.00	6,000.00
Mary Jane Black Shoes	672,000.00	38,000.00	6,000.00

Name	Maximum total supply	Item initial Pool	XRB initial Pool
Toilet Slippers	672,000.00	41,000.00	6,000.00
Cowboy Boots	336,000.00	19,000.00	6,000.00
Japanese Geta Shoes	336,000.00	17,000.00	6,000.00
Red High Heels	672,000.00	19,000.00	6,000.00
Checkered Canvas Shoes	672,000.00	18,000.00	6,000.00
Carrot Cream Soda Slippers	336,000.00	18,000.00	6,000.00
Carrot Shoes	336,000.00	17,000.00	6,000.00
Strawberry Lemon Sneakers	168,000.00	7,537.00	6,000.00
Blueberry Oreo Sneakers	336,000.00	4,970.00	6,000.00
Orange Berry Sneakers	336,000.00	6,971.00	6,000.00
Dark Sci-Fi Black Boots	336,000.00	6,871.00	6,000.00
Super Cool Boots	84,000.00	3,311.00	6,000.00
Glowing Chocolate Boots	168,000.00	2,257.00	6,000.00
Cherry Sneakers	168,000.00	3,035.00	6,000.00
Cat Paw Sneakers	168,000.00	3,107.00	6,000.00
Kick-The-Moon Winged Shoes	84,000.00	1,204.00	6,000.00
Bunny Ears Sci-Fi Shoes	168,000.00	1,369.00	6,000.00
Salt-Sock for unlucky people	10,091,000.00	270,000.00	6,000.00

Trading System

The shop is an in-game system that players can own by purchasing ownership right. The shop and buy, sell, and mix items for all general players. The shops are divided into three types: Layer 1, Layer 2, and Layer 3.

Layer 1 (L1) Shops

Layer 1 shops act as an exchange for basic materials where players in the game can buy and sell raw materials with this shop. The shop owner can change the conversion fee based on the services the store provides to its players when the players purchase items from the shop. The price of the item within the shop is determined based on the following formula:

Definition

- shop's Tax is the shop tax with a minimum value of 0.2% and a maximum value of 50% ,
- Town's tax is the general town tax

The profit earned by the shop owner is calculated using the following formula:

$$\text{Shop Owners Profit} = ((\text{shop's Tax} - (\text{shop's Tax} * \text{Town's Tax})) * \text{Base item selling price})$$

Layer 2 (L2) Shops

Layer 2 shops are used for mixing different types of raw materials into a product or other equipments.

The shop owner can change the conversion fee based on the services the store provides to its players. The service fee is calculated from the following equation:

Definition: **Shop's Tax** is the shop tax with a minimum value of 0.01% and a maximum value of 10,000% ,

The profit earned by the shop owner is calculated using the following formula:

$$\text{Shop Owners Profit} = ((\text{shop's Tax} - (\text{shop's Tax} * \text{Town's Tax})) * \text{Base Crafting fee})$$

Layer 3 (L3) Shops

L3 shops are considered as an exchange medium for high-end material or products from L2 shops. Players who own L3 shops have the ability to adjust additional tax and items sold in these shops are calculated by the following equation:

Definition: **Shop's Tax** is the shop tax with a minimum value of 0% and a maximum value of 200%

The profit earned by the shop owner is calculated using the following formula:

$$\text{Shop Owners Profit} = (\text{Base item selling price} * 50\%) * \text{shop tax}$$

Table: Shop Details

The following table lists the shop name and the respective raw materials

Layer 1 Shops

Shop Name	List of Raw Materials
The Tropical Temptations	<ul style="list-style-type: none">● Orange● Strawberry● Ginger● Watermelon● Melon● Cherry
The Root Cellar	<ul style="list-style-type: none">● Coffee beans● Prune● Tomato● Carrot● Gourd Leaves● Pomegranate
The Fruit Barrel	<ul style="list-style-type: none">● Apple● Grape● Lime● Pineapple● Green Apple● Lemon
Berry Heaven	<ul style="list-style-type: none">● Blueberry● Raspberry● Blackberry● Honey● Golden Honey● Mad Honey
The Fungal Frontier	<ul style="list-style-type: none">● Pear● Mushroom Bitkub● Mushroom Mutelulu
The Pocket Mart	<ul style="list-style-type: none">● Water● Ice● Salt
The Sawmill Outlet	<ul style="list-style-type: none">● Ash Log● Maple Log● Birch Log● Ash Special Log● Maple Special Log● Birch Special Log

Shop Name	List of Raw Materials
The Leather Connection	<ul style="list-style-type: none">● Wool Scrap● Linen Scrap● Silk Scrap● Cotton Scrap● Thin Leather● RawHide Leather● Raw Fur● Thin Fur
The Timepiece Treasury	<ul style="list-style-type: none">● Raw Emerald● Raw Diamond● Raw Topaz● Raw Ruby● Copper Ore● Silver Ore● Iron Ore● Platinum Ore

Layer 2 Shops

Shop Name	List of Craft item
Fresh Squeeze	<ul style="list-style-type: none"> ● Orange Juice ● Strawberry Juice ● Ginger Juice ● Watermelon Juice ● Melon Juice ● Cherry Juice
Nature's Nectar	<ul style="list-style-type: none"> ● Coffee ● Prune Juice ● Tomato Juice ● Carrot Juice ● Gourd Leaves Juice ● Pomegranate Juice
The Refresher	<ul style="list-style-type: none"> ● Apple Juice ● Grape Juice ● Lime Juice ● Pineapple Juice ● Green Apple Juice ● Lemon Juice
The Culinary Corner	<ul style="list-style-type: none"> ● Blueberry Juice ● Raspberry Juice ● Blackberry Juice ● Honey Juice ● Golden Honey Juice ● Mad Honey Juice ● Pear Juice ● Grilled Mushroom Bitkub ● Grilled Mushroom Mutelulu
The Lumberjack's Lodge	<ul style="list-style-type: none"> ● Ash Lumber ● Maple Lumber ● Birch Lumber ● Ash Special Lumber ● Maple Lumber ● Birch Lumber
The Art of Leather	<ul style="list-style-type: none"> ● Cotton Thread ● Linen Thread ● Silk Thread ● Wool Thread ● Processed Thin Leather ● Processed Hide Leather ● Processed Fur ● Processed Thin Fur

Shop Name	List of Craft item
The Gemstone Giggle	<ul style="list-style-type: none"> ● Emerald ● Diamond ● Topaz ● Ruby ● Copper Ingot ● Silver Ingot ● Iron Ingot ● Platinum Ingot
Collar tailor	<ul style="list-style-type: none"> ● Sweet-Girl Doll Sleeve Shirt ● Yellow Summer Shirt ● Green grass Shirt ● Spoiled Kid Shirt ● Over Size 2-Tone Shirt ● XRB Collection T-Shirt ● Aunty Next Door Blouse ● Love Conquers All Blouse ● Free-time Pro Golf Shirt ● Amen Shirt ● Hawaiian Carrot Shirt ● Fluffy Ancient Dessert Shirt ● Saturn Tracksuit ● Evening Hawaiian Shirt ● Village-Head Man's Daughter's Shirt ● Strong Striped Shirt ● Hand-Woven Banana Leaf Shirt ● Daddy's Jacket ● To the Moon suit ● Galaxy Bloom Shirt ● Neo-Hologram Shirt ● Top Gun Shirt ● Hundred Million Dollar Girl Shirt ● Classic Jeans ● Leaf Green Chino Pants ● Nippon Boy Mid-Range Pants ● Lightning Running Pants ● Butterfly Pea Skirt ● Teacher's skirt ● Myan-Mong Pants ● Shallow Water Surf Shorts ● Cherry Cheerleader Skirt ● Bacon Jumper Pants ● Sawasdee Thailand Pants ● Hip Hop Orange Pants ● City Biscuit Skirt ● Super-Cool Pants ● Hippie-Popotemus Skirt ● Elvis Pants ● Jabar-Trainee Pilot Pants

Shop Name	List of Craft item
	<ul style="list-style-type: none"> ● Savannah Zebra Cowboy Pants ● Mangosteen Space Sarong ● Diva Shiny Skirt ● Neon S.W.A.T. Pants ● Rocker's Hot Pants ● 3D Butterfly Pants ● The Ancient Skirt
B Engineering	<ul style="list-style-type: none"> ● Lv1 Rabbitian Backpack ● Lv2 Waving Cave Backpack ● Lv3 Fluorescent Neon Backpack ● Lv4 Neon Digital Cassette Backpack ● Lv5 Cute Digital Cassette Backpack ● Lv6 Tiny Angle Wings Backpack ● Lv7 Gameboy Wabbit Backpack ● Lv8 Fuchsia Gameboy Kitty Backpack ● Lv9 Fairy Crystal Wings ● Lv10 Maki Neko Backpack ● Lv11 Pink Lucky Baby Backpack ● Space Bubble Tea ● Cool Handheld Fan ● Asian Mom's Weapon ● Hooligan Baseball Bat ● Scream Chicken ● Doggo Shark Plushie ● Bunny Yokia Hammer ● Electric Racket ● Poop Spirit Scepter ● Rainbow Unicorn Bazooka ● Wood Axe ● Steel Axe ● Lighting Axe ● Turbo Axe ● Double Sharp Axe ● Wood Pickaxe ● Silver Alloy Pickaxe ● Black Rock Breaker ● Cyber Breaker ● Crystal Force Destroyer
Sparkling Jewelry	<ul style="list-style-type: none"> ● Lonely Pink Earwear ● Harajuku Earwear ● Golden Rubber Earwear ● Smiling Earwear ● Normal Mini-Pod Earwear ● Pistachi-Oh! Earwear ● Rose Petal Earwear

Shop Name	List of Craft item
	<ul style="list-style-type: none"> ● Green Plankton Earwear ● Lovely Lady Bow Earwear ● Dice Earwear ● Carro-Pod Earwear ● Wounded Earwear ● Super-Duper Gaudy Earwear ● Dreamy Shooting Star Earwear ● Lost-In-The-Woods Elf Earwear ● Cupid's Arrow Earwear ● Nom-Nom Skeleton Earwear ● Magical Girl Earwear ● Futuristic Earwear ● Cyborg Armored Earwear ● Kero-Kero Socks Earwear ● Meow-Meow Mitten Earwear ● OMG Master Earwear ● Forest King Earwear ● Rabbitian Red Tech Watch ● Rabbitian Orange Tech Watch ● Indigo Bracelet ● Cute Carrot Wristband ● Shiny Aqua Bracelet ● Expensive Pearl Bracelet ● Three Star Bracelets ● Shark Tooth Rope Bracelet ● Punk Bunny Bracelet ● Millennium Watch
Mini head Shoe maker	<ul style="list-style-type: none"> ● Cookie Shoes ● Simple but Elegant Black Shoes ● Milky Bunny Boots ● Space Slippers ● Milky Strawberry Moccasins ● Matcha-Whipped Cream Boots ● Mary Jane Black Shoes ● Toilet Slippers ● Cowboy Boots ● Japanese Geta Shoes ● Red High Heels ● Checkered Canvas Shoes ● Carrot Cream Soda Slippers ● Carrot Shoes ● Strawberry Lemon Sneakers ● Blueberry Oreo Sneakers ● Orange Berry Sneakers ● Dark Sci-Fi Black Boots ● Super Cool Boots ● Glowing Chocolate Boots ● Cherry Sneakers

Shop Name	List of Craft item
	<ul style="list-style-type: none"> ● Cat Paw Sneakers ● Kick-The-Moon Winged Shoes ● Bunny Ears Sci-Fi Shoes ● Salt-Sock for unlucky people ● Cadet Hat ● Beret Hat ● Garrison Hat ● Bamboo Flying Copter ● Golf Hat ● Knit Hat ● Green Chinese Hat ● Red Chinese Hat ● Onigiri Cap ● Onigiri Head ● Indian Hat ● Flower Crown ● Puppy On Your Cap ● Maid Hat ● Puppy On Your Head ● Golden Circle ● Diamond Crown ● The Colorful Helmet ● Leader Indian Hat ● Captain Hack's Hat ● Police Cap ● International Police Cap ● The Original Space Helmet ● Farmer Copper Hat ● Salt-Hat for unlucky people
Beauty parlor	<ul style="list-style-type: none"> ● Ice-Cream Hairstyle ● Simple-Handsome Hairstyle ● Business Man Hairstyle ● Short Curly Hairstyle ● Bob Hairstyle ● Korean-Boy Hairstyle ● Twin Mini-Bun Hairstyle ● Handsome-Slender Hairstyle ● Sakura Hairstyle ● Four Caps Yod-Kuman Hairstyle ● Skinhead Hairstyle ● Short Twin Tails Hairstyle ● Sweet Girl Pony Tail Hairstyle ● Curly Bob Hairstyle ● Japanese Folk Hairstyle ● Cool Tiled Hairstyle ● Dreadlocks Manbun Hairstyle ● Hi-Top Fade Hairstyle ● Two-Tone Twin Tailed hairstyle

Shop Name	List of Craft item
	<ul style="list-style-type: none">● Hot Pony Tail Hairstyle● Curly Two-Block Hairstyle● Werewolf Hairstyle● Candy Girl Bun Hairstyle● Short Emo Hairstyle● One-Eyed Moss Hairstyle● Slanted Teen Hairstyle● Bob-Bob-Bob Hairstyle● Samurai Spider Hairstyle● Frankie Yankee Hairstyle● Cute Mohawk Hairstyle● Pooppy Hairstyle● Lizard-Headed Twin Hairstyle

Layer 3 Shops

Shop Name	List of Product Sell
Revitalizing Water	<ul style="list-style-type: none"> ● Orange Juice ● Strawberry Juice ● Ginger Juice ● Watermelon Juice ● Melon Juice ● Cherry Juice
Coffee House	<ul style="list-style-type: none"> ● Coffee ● Prune Juice ● Tomato Juice ● Carrot Juice ● Gourd Leaves Juice ● Pomegranate Juice
Natural Refreshment	<ul style="list-style-type: none"> ● Apple Juice ● Grape Juice ● Lime Juice ● Pineapple Juice ● Green Apple Juice ● Lemon Juice
The Hungry Bear	<ul style="list-style-type: none"> ● Blueberry Juice ● Raspberry Juice ● Blackberry Juice ● Honey Juice ● Golden Honey Juice ● Mad Honey Juice ● Pear Juice ● Grilled Mushroom Bitkub ● Grilled Mushroom Mutelulu
Wobbling Woodcraft	<ul style="list-style-type: none"> ● Ash Log ● Maple Log ● Birch Log ● Ash Special Log ● Maple Log ● Birch Log
The Chicken Walk	<ul style="list-style-type: none"> ● Cotton Thread ● Linen Thread ● Silk Thread ● Wool Thread ● Processed Thin Leather ● Processed Hide Leather ● Processed Fur ● Processed Thin Fur

Shop Name	List of Product Sell
The Retro Relics	<ul style="list-style-type: none"> ● Emerald ● Diamond ● Topaz ● Ruby ● Copper Ingot ● Silver Ingot ● Iron Ingot ● Platinum Ingot
White collar	<ul style="list-style-type: none"> ● Sweet-Girl Doll Sleeve Shirt ● Yellow Summer Shirt ● Green grass Shirt ● Spoiled Kid Shirt ● Over Size 2-Tone Shirt ● XRB Collection T-Shirt ● Aunty Next Door Blouse ● Love Conquers All Blouse ● Free-time Pro Golf Shirt ● Amen Shirt ● Hawaiian Carrot Shirt ● Fluffy Ancient Dessert Shirt ● Saturn Tracksuit ● Evening Hawaiian Shirt ● Village-Head Man's Daughter's Shirt ● Strong Striped Shirt ● Hand-Woven Banana Leaf Shirt ● Daddy's Jacket ● To the Moon suit ● Galaxy Bloom Shirt ● Neo-Hologram Shirt ● Top Gun Shirt ● Hundred Million Dollar Girl Shirt ● Classic Jeans ● Leaf Green Chino Pants ● Nippon Boy Mid-Range Pants ● Lightning Running Pants ● Butterfly Pea Skirt ● Teacher's skirt ● Myan-Mong Pants ● Shallow Water Surf Shorts ● Cherry Cheerleader Skirt ● Bacon Jumper Pants ● Sawasdee Thailand Pants ● Hip Hop Orange Pants ● City Biscuit Skirt ● Super-Cool Pants ● Hippie-Popotemus Skirt ● Elvis Pants ● Jabar-Trainee Pilot Pants

Shop Name	List of Product Sell
	<ul style="list-style-type: none"> ● Savannah Zebra Cowboy Pants ● Mangosteen Space Sarong ● Diva Shiny Skirt ● Neon S.W.A.T. Pants ● Rocker's Hot Pants ● 3D Butterfly Pants ● The Ancient Skirt
B. packaging & tools	<ul style="list-style-type: none"> ● Lv1 Rabbitian Backpack ● Lv2 Waving Cave Backpack ● Lv3 Fluorescent Neon Backpack ● Lv4 Neon Digital Cassette Backpack ● Lv5 Cute Digital Cassette Backpack ● Lv6 Tiny Angle Wings Backpack ● Lv7 Gameboy Wabbit Backpack ● Lv8 Fuchsia Gameboy Kitty Backpack ● Lv9 Fairy Crystal Wings ● Lv10 Maki Neko Backpack ● Lv11 Pink Lucky Baby Backpack ● Space Bubble Tea ● Cool Handheld Fan ● Asian Mom's Weapon ● Hooligan Baseball Bat ● Scream Chicken ● Doggo Shark Plushie ● Bunny Yokia Hammer ● Electric Racket ● Poop Spirit Scepter ● Rainbow Unicorn Bazooka ● Wood Axe ● Steel Axe ● Lighting Axe ● Turbo Axe ● Double Sharp Axe ● Wood Pickaxe ● Silver Alloy Pickaxe ● Black Rock Breaker ● Cyber Breaker ● Crystal Force Destroyer
Twinkle Gem	<ul style="list-style-type: none"> ● Lonely Pink Earwear ● Harajuku Earwear ● Golden Rubber Earwear ● Smiling Earwear ● Normal Mini-Pod Earwear ● Pistachi-Oh! Earwear ● Rose Petal Earwear

Shop Name	List of Product Sell
	<ul style="list-style-type: none"> ● Green Plankton Earwear ● Lovely Lady Bow Earwear ● Dice Earwear ● Carro-Pod Earwear ● Wounded Earwear ● Super-Duper Gaudy Earwear ● Dreamy Shooting Star Earwear ● Lost-In-The-Woods Elf Earwear ● Cupid's Arrow Earwear ● Nom-Nom Skeleton Earwear ● Magical Girl Earwear ● Futuristic Earwear ● Cyborg Armored Earwear ● Kero-Kero Socks Earwear ● Meow-Meow Mitten Earwear ● OMG Master Earwear ● Forest King Earwear ● Rabbitian Red Tech Watch ● Rabbitian Orange Tech Watch ● Indigo Bracelet ● Cute Carrot Wristband ● Shiny Aqua Bracelet ● Expensive Pearl Bracelet ● Three Star Bracelets ● Shark Tooth Rope Bracelet ● Punk Bunny Bracelet ● Millennium Watch
Head to toe ME!	<ul style="list-style-type: none"> ● Cookie Shoes ● Simple but Elegant Black Shoes ● Milky Bunny Boots ● Space Slippers ● Milky Strawberry Moccasins ● Matcha-Whipped Cream Boots ● Mary Jane Black Shoes ● Toilet Slippers ● Cowboy Boots ● Japanese Geta Shoes ● Red High Heels ● Checkered Canvas Shoes ● Carrot Cream Soda Slippers ● Carrot Shoes ● Strawberry Lemon Sneakers ● Blueberry Oreo Sneakers ● Orange Berry Sneakers ● Dark Sci-Fi Black Boots ● Super Cool Boots ● Glowing Chocolate Boots ● Cherry Sneakers

Shop Name	List of Product Sell
	<ul style="list-style-type: none"> ● Cat Paw Sneakers ● Kick-The-Moon Winged Shoes ● Bunny Ears Sci-Fi Shoes ● Salt-Sock for unlucky people ● Cadet Hat ● Beret Hat ● Garrison Hat ● Bamboo Flying Copter ● Golf Hat ● Knit Hat ● Green Chinese Hat ● Red Chinese Hat ● Onigiri Cap ● Onigiri Head ● Indian Hat ● Flower Crown ● Puppy On Your Cap ● Maid Hat ● Puppy On Your Head ● Golden Circle ● Diamond Crown ● The Colorful Helmet ● Leader Indian Hat ● Captain Hack's Hat ● Police Cap ● International Police Cap ● The Original Space Helmet ● Farmer Copper Hat ● Salt-Hat for unlucky people
The Hair rising	<ul style="list-style-type: none"> ● Ice-Cream Hairstyle ● Simple-Handsome Hairstyle ● Business Man Hairstyle ● Short Curly Hairstyle ● Bob Hairstyle ● Korean-Boy Hairstyle ● Twin Mini-Bun Hairstyle ● Handsome-Slender Hairstyle ● Sakura Hairstyle ● Four Caps Yod-Kuman Hairstyle ● Skinhead Hairstyle ● Short Twin Tails Hairstyle ● Sweet Girl Pony Tail Hairstyle ● Curly Bob Hairstyle ● Japanese Folk Hairstyle ● Cool Tiled Hairstyle ● Dreadlocks Manbun Hairstyle ● Hi-Top Fade Hairstyle ● Two-Tone Twin Tailed hairstyle

Shop Name	List of Product Sell
	<ul style="list-style-type: none">● Hot Pony Tail Hairstyle● Curly Two-Block Hairstyle● Werewolf Hairstyle● Candy Girl Bun Hairstyle● Short Emo Hairstyle● One-Eyed Moss Hairstyle● Slanted Teen Hairstyle● Bob-Bob-Bob Hairstyle● Samurai Spider Hairstyle● Frankie Yankee Hairstyle● Cute Mohawk Hairstyle● Pooppy Hairstyle● Lizard-Headed Twin Hairstyle