

# Quick Reference

- [List of Colonists](#)
- [List of Resources](#)
- [List of Ships](#)
- [List of Structures](#)
- [Travel Times](#)

# List of Colonists

Types of colonist								
Name						Additional Cost	Requirements	Score
 Worker	-	-	-1 Food per 100	-	-	:food:	Free pop storage	0.0001
 Soldier	12	8	20	10	4	1 Worker is permanently converted into a Soldier during training.	Army Barracks, Free soldier storage	0.00336

## Workers and Soldiers





Workers are used in the building of all objects in the game and act as planet defence against Invasion. Your planet will naturally grow population at steady rate until your housing is filled.

An Army Barracks is required to begin Training Soldiers.

Soldiers are used to Invade hostile planets during the game and also act as planet defence against Invasion.

See Invasion page for more details.

# List of Resources

Types of resources		
Name	Type	Score
 Metal	Basic resource	0.00004
 Mineral	Basic resource	0.00006
 Food	Basic resource	0.00008
 Energy	Basic resource	0.00012
 Ground space	Finite resource	n/a
 Orbital space	Finite resource	n/a
 Research points	Research	n/a

## Metal

Accumulated on your planets by building metal producing structures. Used to construct all buildings and units in the game.

## Mineral

Accumulated on your planets by building mineral producing structures. Used to construct all buildings and units in the game.

## Food

Accumulated on your planets by building food producing structures. Used to feed workers and train soldiers.

## Energy

Accumulated on your planets by building energy producing structures. Consumed by structures, scanning, holo-ships.

## Ground space

Each planet will have a finite amount of ground space available. Once all space has been used you will not be able to construct further land-requiring buildings until reclaiming more space with Land Reclamation.

## Orbital space

Each planet will have a finite amount of orbital space available. Once all space has been used you will not be able to construct further orbit-requiring buildings until reclaiming more space with Orbital Clearing.











## Research points

Research points are spent on technological advances, and are accumulated one point per turn across your whole empire.








# List of Ships


















## Military Ships

See also Combat








	Name					Score	Req's
	Fighter	2,000		500	4	0.24	Ship Yard, Light Weapons Factory
	Bomber		4,000	1,500	6	0.72	Ship Yard, Light Weapons Factory
	Frigate	12,000	8,000	5,000	10	2.88	Ship Yard, Light Weapons Factory
	Destroyer	40,000	40,000	25,000	14	12	Ship Yard, Heavy Weapons Factory
	Cruiser	120,000	60,000	50,000	18	25.2	Space Dock, Light Weapons Factory
	Battleship	400,000	250,000	300,000	22	93	Space Dock, Heavy Weapons Factory

## Transport Ships






	Name					Req's	Score	Stores
	Freighter	24,000	16,000	20,000	8	Ship Yard	3.84	100,000 units or 50,000  Workers (  Workers count as two units each)

	Name					Req's	Score	Stores
	Merchant	48,000	32,000	36,000	10	Ship Yard	7.68	250,000 units or 125,000  Workers (  Workers count as two units each)
	Trader	72,000	48,000	60,000	12	Space Dock	11.52	625,000 units or 1,250,000  Metal or  mineral or  Workers (these resources and  Workers count as 0.5 units each)
	Hulk	120,000	80,000	96,000	14	Space Dock	19.2	1,562,500 units or 3,125,000  food or  energy or  Workers (these resources and  Workers count as 0.5 units each)

# Support Ships
















	Name					Score	Req's
	Outpost Ship See Colonization	30,000	20,000	50,000	16	4.8	Ship Yard
	Invasion Ship See Invasion	25,000	18,000	40,000	16	4.16	Ship Yard, Light Weapons Factory
	Colonisation Ship See Colonization	180,000	180,000	150,000	24	54	Ship Yard

# Holo Ships

	Name						Req's
--	------	--	---	---	---	---	-------










	Holo Projector	60,000	40,000	50,000	12,000	16	Holo Generator
	Holo Fighter	40			43	0	Holo Generator
	Holo Bomber		80		132	0	Holo Generator
	Holo Frigate	240	160		528	0	Holo Generator
	Holo Destroyer	800	800		2,198	0	Holo Generator
	Holo Cruiser	2,400	1,200		4,620	0	Holo Generator
	Holo Battleship	8,000	5,000		17,424	0	Holo Generator

# Tier 1 Structures

	Name								Max	
	Outpost	+300	+200	+100		+200 / turn +50,000 cap +100,000 sol cap	-1		1	-
	Provides 50,000 housing for workers and 100,000 housing for soldiers. Produces some resources and 100  workers per turn.									
	Metal Mine	600 +300	2,000 -		-10	5,000	-1			4
	Mineral Extractor	3,000 -	400 +200		-10	5,000	-1			4
	Farm	1,500	1,000	+200	-10	5,000	-1			4
	Solar Generator	1,500	1,000		+100	5,000	-1			4
	Leisure Centre	12,000	8,000		-10	10,000 +0.4%	-2		1	8
	Increases Birth Rate by 0.4% per turn. (total birth rate will be 1.4% if you don't have a Medical Centre)									


















	Name								Max	
	Ship Yard	48,000	32,000		-10	25,000		-2	1	12
	Enables production of basic ship designs.									

## Tier 2 Structures














These structures are unlocked by building a Colony.

All space structures requires a Launch Site.

	Name								Ma x	
	Colony	60,000	40,000			50,000 +100,000 cap	-2		1	24
	Light Weapons Factory	30,000	20,000		-10	40,000	-2		1	12
	Required for production of military ships and to build Army Barracks.									
	Army Barracks Requires Light Weapons Factory	12,000	8,000		-10	25,000 +400,000 sol cap	-2		1	8
	Enables training of soldiers, and provides housing for 400,000 soldiers.									
	Core Metal Mine	3,600 +900	12,000		-20	35,000	-2			8
	Core Mineral Extractor	18,000	2,400 +600		-20	35,000	-2			8





	Name								Max	
	Heavy Weapons Factory Requires Light Weapons Factory	90,000	60,000		-30	200,000	-2		1	24
		Required for production of advanced military ships: destroyers and battleships.								
	Space Dock Requires Ship Yard	144,000	96,000		-20	240,000		-4	1	24
		Required for production of advanced ships.								
	Hospital Requires Medical Centre	36,000	24,000		-20	40,000 +0.3%	-2		1	16
		Increases Birth Rate by 0.3% per turn. (total birth rate will be 2%)								
	Land Reclamation					100,000	+1			24
		Increases the ground space of the planet.								
	Orbital Clearing					100,000		+1		24
		Increases the orbital space of the planet.								

## Tier 3+ Structures

These structures are unlocked by building a Metropolis and required research.

	Name								Max	
	Jump Gate	156,000	104,000		-40	160,000		-4	1	24



# Travel Times

Travel takes :

- 8 turns between planets into the same system,
- 12 turns between systems into the same sector,
- 16 turns between sectors into the same galaxy,
- 24 turns between your home planet and any planet.

Intergalactic travel between the rings is designed to allow fleet movements inwards to take less time than it takes to move outwards.

		To		
		Galaxy 1	Inner ring	Outer ring
From	Galaxy 1	16	20	32
	Inner ring	18	16	24
	Outer ring	24	20	16

All these travel time can be reduced by structures built into planets :

- **Space Tether** provides -1 travel time to ANY player, including enemy. Required at **Origin** planet only.
- **Hyperspace Beacon** grants -2 turns travel time to the player who own the planet. Required at **Destination** planet only.
- **Jump Gate** grants -2 turns travel time to all players of the same alliance. Required at both **Origin** and **Destination** planet.