

## ANOTHER WORLD

This term we are looking at all things space related as part of our Stargazers Topic. For your home learning I would like you to continue this theme. I want you to design your own planet and prepare a fact file to enlighten other people about the wonders of your new world. You will need to provide art work, labelled diagrams, news reports and maps as well as information pages with subheadings, bullet points, secret facts and Did You Know?s. Your new planet can be similar to earth (but better) or completely different. Think where it fits in the solar system – how far it is away from earth, the sun etc.

*Use the boxes below to give you an idea of what your guide should include. The way you present it is up to you – could be a Rough Guide to/Lonely Planet hipster tourist guide or a Children's Guide to ..... Please take photos of any models you make and your work in progress. Models could include the actual planet, housing, modes of transport, food and farming or physical feature cross sections.*



What do the creatures who live on your planet look like? How have their bodies adapted to living conditions there? I.e. if it is very wet, do they have fins and webbed feet?

Oddizzi is a good source of inspiration for designing your fact file, what to include and how present it.  
Year 6 login Username – fivestar, password- fivestar - Year 5 login Username elvis1, password elvis1.

If you look on the Class Page archives (2019 – 2020) on the school website, there is a lot of information on different forms of power (natural gas, wind, solar, fossil fuels, nuclear etc) on the Oddizzi Resource Pages that will help you decide what energy might be best for your planet. BBC Bitesize and Oak National Academy also have some excellent resources as does National Geographic Kids.

## IDEAS BANK

<p><b><u>Planet Shape</u></b></p> <p>Is your planet round, square, letter of number shaped? Does its shape influence life there Is it flat? Is it a zero gravity place? <b>Draw or make it?</b></p>	<p><b><u>Climate</u></b></p> <p>Does it have seasons? Heavy rainfall? Arctic winters? Tropical Summers? <b>Use Oddizzi to help find out more about weather and climate. Weather – day to day rain/sun/wind/cloud, climate – average seasonal weather patterns..</b></p>	<p><b><u>Industry/farming</u></b></p> <p>Think of the economy – how do the inhabitants support themselves? What types of work do they do? Do we still grow food? Where do inhabitants work? Do the inhabitants grow food or fuel crops? Does your planet trade with other planets, is it self sufficient?</p>	<p><b><u>Landscape</u></b></p> <p>What is your planet made of - chocolate? cheese? Water? Dust? Does it have mountains, rivers, seas, swaps, deserts? How are settlements (where inhabitants live) located? What would the landscape look like from another planet?</p>	<p><b><u>Dangers</u></b></p> <p>What threatens life on your planets – monsters? Bugs? Other planets? Plants? Outside Forces? Warring factions? Greed over natural resources? <b>Write a risk assessment for someone visiting your planet?</b></p>
<p><b><u>Animals/Sealife</u></b></p> <p>David Attenborough is visiting to make a documentary for The New Planet. What animals or creatures will he see? Describe their habitat, diet, frequency of feeding, lifecycles, appearance, markings, mode of movement, sleep patterns, predators or prey, methods of communication and unique features. Use BBC Bitesize to research evolution of species and habitats. Make a collage using different photos of animals to illustrate your work.</p>	<p><b><u>Plant life</u></b></p> <p>Plant life – trees, crops, grasses, tundra, desert, succulents, underwater rushes and flowers? Where do the plants grow and how do they survive? What do they use for food and what dangers do they face (think climate, over harvesting, fire, flooding, lack of light)? Think of the environment on your planet and research plants and trees that would survive. <b>Use the internet (with an adult) to find out more about different characteristics of plants and make a garden plan saying why each plant is suitable for your planet.</b></p>	<p><b><u>Housing</u></b></p> <p>Do inhabitants live alone, in pods, in bubbles, under water or underground? Design a house to match the environment. Think of everything you need to create a sustainable lifestyle. What is the home made of and how is it built? <b>Can you make a model?</b></p>	<p><b><u>Transport</u></b></p> <p>How do people get around? Is the transport the same as on earth? How does the mode of transport adapt to wet/hot/ice/cold/atmospheric living conditions? Is is environmentally friendly (for your planet)? Do a workshop manual and annotated design for your vehicle – include all the parts and do a scale drawing. Write a marketing or advertising proposal to make people want to use this vehicle.</p>	<p><b><u>Food</u></b></p> <p>How do the inhabitants feed themselves? What do they consume to sustain life? How is it prepared? How is food stored, harvested? Is it eaten in the way humans do or in another way. Are your inhabitants eaten by anyone else (maybe beings from another planet). What does the food look like? More importantly, does it have taste –i.e. sweet, sour, salty, bitter, savoury?</p>
<p><b><u>Natural Resources</u></b></p> <p><b>Use Oddizzi to learn all about natural resources (school website archives 2019 -2020).</b></p> <p>Are the resources minerals, crops or forms of harnessing power? Are the resources grown, mined, created from a base material? Can they be used for trading with other planets, used to build or sustain life on the home planet? How is their value calculated?</p>	<p><b><u>Clothing</u></b></p> <p>What clothes do the inhabitants where? How do they meet the demands of living conditions on the planet? How is clothing produced and what is its longevity? <b>Test out some materials that we already have for strength, durability, comfort and suitability for purpose. Record your finding in chart form.</b> Why not design a new clothing line for all age groups?</p>	<p><b><u>Education</u></b></p> <p>How do the planet inhabitants learn? Do schools exist? What do they know about other planets and how is this information gained? How do they record knowledge? How are practical skills gained? Where do they learn? Which age groups take part in learning or training/teaching? Make up a curriculum and timetable for education on your planet.</p>	<p><b><u>Sport</u></b></p> <p>Taking into consideration the climate and physical landscapes of your planet (and the creatures that live on it) what sports are played? Try to think of activities that we don't have on earth. You will need to give your sport a name, write instruction for playing the games, compile a list of rules, say where and when it is played and also who can play it. Will it be competitive or is that banned on your planet? <b>Write a sports manual.</b></p>	<p><b><u>Currency</u></b></p> <p>How do the inhabitants pay for goods and services. What currency do they use? Design a new currency (form of cash – we use pounds) and write up a conversion chart i.e 50 yubbles = 1 quibble. You will also need to design whatever the currency uses – coins, notes, values etc. Will it have the image of a leader or planet control?</p>

<p><u>Art</u></p> <p>Using a wide variety of medium – paint, pencils, tissue, fabric, sand, junk, charcoal, tea, newspaper, Modroc, plaster, wire etc make some models or paint/draw scenes from your planet. Maybe include animals or creatures, landscapes, buildings, transport – let your imagination run riot!</p>	<p><u>Communication</u></p> <p>How do the creatures communicate with each other and other planets? Using numbers and symbols, devise a code language. For example, *8^ might spell 'mum'. Write a guide to how your code works and do a few messages for people to practice in order to learn the language. I would write the alphabet out and then put boxes underneath for the code. Does your language have a past tense or is it all in the present?</p>	<p><u>Music</u></p> <p>Fill a selection of glass wine or drink glasses up with varying amounts of water. moisten the top of each with a small drop of water. Then rub your finger round each one to create a note. Order the glasses in notes from high to low and then compose a theme tune for your planet. You may add other instruments so long as you have made them yourselves – no electric guitars. Write the notes don so that others can play it. Record yourself playing your tune.</p>	<p><u>Family Life</u></p> <p>Does your planet have families or do the inhabitants just appear? Are they created in labs? Do they look after each other? Do the people know their ancestors (have you researched your family tree?) or does each inhabitant start from scratch. Who looks after who? Do the inhabitants start old and then get younger until they disappear? What do they look like? Write a family/inhabitant guide for planet tourists</p>	<p><u>Pets</u></p> <p>Weird, wacky, wonderful! Create a pet! Does your planet pet have a job, interesting skill, function or is it just fun to play with? Does it live forever? Are there rules to pet ownership? Is it feathered, furry, hairy, scaly or slimy? What sounds does it make? How does it move? What does it eat? Why do you want one? Describe and make or draw it!</p>
<p><u>Government</u></p> <p>Use the Houses of Parliament Education website to find out all about how our country is governed. Use the information that you find in your research to create the perfect way of running your planet. Will it be a democracy (voted for and run by the people, a monarchy with power or a state governed by an unelected body)? How will decisions and laws be made? Who will make the rules? Will there be rules? Make up a constitution! Look it up!</p>	<p><u>Timeline</u></p> <p>On Earth we have BC (before Christ) or BCE (Before the Common Era) and AD (Anno Domini – the year of our Lord) or CE – the Common Era. What would the timeline for your planet look like? Does it start with the planet being 'discovered', with a big bang explosion when it was first created or when the first inhabitants arrived/evolved? What significant events have happened along the way? Look at timelines for different countries to help draw up one for your planet.</p>	<p><u>Famous Figures</u></p> <p>A famous person is visiting your planet. Write a biography of them describing their life and achievements so that the inhabitants of your planet learn all about them. Pick from Marcus Rashford, David Attenborough, Benjamin Zephaniah, Greta Thunberg, Hany El-Banna, Jacinda Ardern or Baroness Tanni Grey-Thompson.</p>	<p><u>Inventions</u></p> <p>Describe things that have been invented on your planet that have changed the world e.g. an automatic Maltesar feeding machine, Self-cleaning dog poop, plastic eating insects, automatic homework writing activated by brainwaves. Include how it works, who invented it and what it is made from (if applicable). Annotated diagrams an optional but great extra.</p>	<p><u>Interesting Facts or Did you Know?</u></p> <p>In this section you can put anything else that you might think is interesting i.e. cooking tools, festivals, national costumes, entertainment or maybe a quiz section on things that you have included in your guide (just to check that people have read it properly). You might even design some science experiments to test gravity or forces in water or wind. Have fun!</p>

*Pick some of the boxes to help you create a new planet. Oddizzi and BBC Bitesize have lots of great resources to help you learn about weather, trade, climate, natural resources, biographies and time lines, don't forget to use as many of them as possible (resources). Oak National Academy also has some excellent resources as does National Geographic Kids.*

Make sure that your work is totally fabulous, filled with facts and fun to read and use.