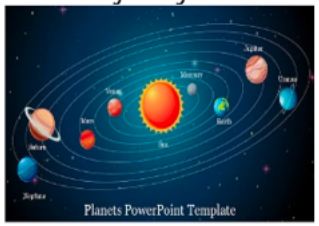
Badgers' homework ideas Autum 2

Choose a task for each week of the term. We want you to be engaged with your homework so there is lots of choice for you. You can either share your work electronically (email: badgers@wroxtonprimary.co.uk) or add to your homework book.

Science	DT	RWV	PSHE
The Ultimate Rover Design Challenge Design an alien-exploration rover built to survive extreme conditions on a planet of your choice (e.g., burning heat on Venus or icy temperatures on Europa). Draw a detailed labelled diagram or build a model using recycled materials, showing features like heat shields, scientific sensors, and specialised wheels. 	**Space Food & Menu Innovation** In connection with your *Come Dine with Me* project, research how astronauts eat in microgravity. Design a 3-course "Space Menu" using ingredients that won't spoil or float away or invent a new preserved snack suitable for a long mission to Mars! 	**Everyday Heroes & Moral Choices** Inspired by our question *"What would Jesus do?"*, research a historical or modern-day figure who acted with great compassion or stood up for justice (e.g., Mahatma Gandhi, Rosa Parks, or a local community helper). Create an inspirational mini-biography or comic strip demonstrating how their choices helped others. 	**Risk & Decision Tree Guide** Create a visual flowchart or "Choose Your Own Adventure" guide showing different choices a young person might face when feeling peer pressure or encountering unsafe environments. Show how curious questions (like *"Is this safe?"* or *"What are the risks?"*) help us make informed, healthy decisions. 
Solar System Scale Model or Fact File Create a 3D model, hanging mobile, or interactive poster comparing the Sun and planets. Show your curiosity by investigating one burning question about space (e.g., *"Why does Saturn have rings?"* or *"Could humans really live on Mars?"*) and presenting your findings. 	**The Family Favourite Feast** In connection with your *Come Dine with Me* project, take charge of making a meal your family already loves! Work with an adult to cook a family-favourite dish from scratch, practice safe kitchen techniques, and present it nicely at the table. Take a photo or sketch your completed meal, write down the recipe, and collect review comments or star ratings from your family members to see if it lived up to expectations. 	**Random Acts of Kindness Challenge** Put the core question of *"What would Jesus do?"* into real-world action. Plan and carry out 3 secret acts of kindness for family members or neighbours (such as helping with a chore without being asked or making a card for someone to bring them joy). Record what you did and reflect on how putting compassion into practice changed the day for you and others. 	**The Body Protection & Wellbeing Challenge** Learn about how exercise, sleep, and nutrition physically protect our bodies and keep our immune systems strong against risks and illness. Create a 24-hour "Body Care Log" tracking how you look after your physical health over a day. Write a short reflection on how taking care of your physical body helps you stay safe, energised, and ready to make smart choices. 