

## 2SIMPLE SCHOOL SCIENCE ACTION PLAN



2019 - 2020



Subject Leader



Subject Team and  
Link Governors



Safeguarding Lead





# ACTION PLAN GUIDANCE

Use this example Action Plan to get a greater understanding of the typical content and points to consider when producing your own Action Plan.



In this example, it is presumed that Mr Teacher has met all of the following prerequisites before creating the Action Plan:

- ✓ Has a thorough understanding of whole school improvement priorities.
- ✓ Has had discussions with senior leaders and teaching staff of how science can support whole school priorities.
- ✓ Obtained the science policy, related policies and has digested their content.
- ✓ Knows the condition of science in the school from audits, surveys and stakeholder voice.
- ✓ Understands constraints such as budget, resources, release time, etc when formulating new initiatives.



## PAGE 2 - KEY PRIORITIES & OUTCOMES

This is the backbone page of the Action Plan. It sets out the key priorities for the year, budgetary implications and the success criteria needed to meet the priority.

### Key Priorities

Key priorities should be formulated from whole school priorities, be realistic, measurable and most importantly there shouldn't be too many.

### Budgetary Implications

This isn't as always as straight forward as it can appear. You must have a close idea of your budget and know the approximate costs of not just tangible but intangible aspects such as release time, equipment maintenance, specialist teacher/ consultancy fees etc.

### Success Criteria

All the Key Priorities must be easily measurable; therefore, it must be easy to identify whether success criteria have been met or not.

## PAGES 3 TO 5 - DETAILED BREAKDOWN OF EACH ACTION

### Objective

This is taken from a priority and may be rephrased if needed. This objective must be realistic and measurable.

### Actions required and by whom

Exactly as the sub-title suggests, this is where you need to state which actions are needed to achieve the objective and by whom. Be careful not to overload with actions; think carefully about the most efficient ways of achieving an objective.

### Success Criteria

Success criteria should be easy to evidence and ideally quantifiable, i.e. if you have a success criteria: "More children are achieving ARE in science." By what percentage? Has this percentage risen each term? How does it compare to the last academic year?

### Resources

This should include everything from tangible to intangible. Consider costs, time, implications of other areas of the curriculum, whole school meetings, etc.

### Monitoring

Think about how and when monitoring will take place for specific objectives. What are the most efficient ways of monitoring that are least impacting on others' time? How do you intend to feed back monitoring?

# KEY PRIORITIES AND OUTCOMES

2018-2019



## KEY PRIORITIES

- ✓ To increase the number of children meeting and exceeding expected attainment.
- ✓ To review and update the science policy.
- ✓ To develop an increased level of enjoyment for science learning by utilising technology solutions.
- ✓ To review and develop the science curriculum to ensure it meets the needs of our children.
- ✓ To review and develop the science curriculum to ensure it meets the needs of our children.
- ✓ To improve feedback effectiveness whilst reducing time spent on giving feedback to children.



## BUDGETARY IMPLICATIONS

- ✓ Purchase Purple Mash: Online learning platform containing a wealth of teacher and pupil resources alongside powerful science tools and assessment functionality.
- ✓ Learning walks during directed teaching time.
- ✓ Release time for extended leadership time.
- ✓ Purchase 2Build a Profile: Powerful app which captures observations live and provides judgement reports which can be shared with key stakeholders.



## SUCCESS CRITERIA

- ✓ Teaching staff will have an increased subject knowledge, pedagogical approaches and technology at their disposal. This will lead to more children meeting and exceeding expected attainment based on the last academic year.
- ✓ A reviewed policy which is fit for purpose and stakeholders are aware of amendments and the implications of these.
- ✓ Judgements made by all cohorts will demonstrate improved accuracy with strong evidence to support each judgment.
- ✓ Through feedback, learning walks, observations and general monitoring activities; children will demonstrate an increased level of enjoyment for science. Technological solutions will be a prominent factor of this enjoyment.
- ✓ The science curriculum will have been reviewed and developed as needed for the children's needs. The changes will impact positively on enjoyment and attainment for most children.
- ✓ Through feedback samples and child/teacher monitoring, there will be evidence of improved effectiveness of feedback. Teachers will report how Purple Mash comment and teacher corrections functionality has saved time and improved child/teacher dialogue.



## OBJECTIVE

**TO INCREASE THE NUMBER OF CHILDREN MEETING AND EXCEEDING EXPECTED ATTAINMENT.**



**ACADEMIC YEAR**



## ACTIONS REQUIRED AND BY WHOM

- Set up focused CPD from 2Simple for staff based on using Purple Mash for supporting and teaching the science curriculum, including utilising teacher tools and features. **(Mr Teacher)**
- Conduct sharing of good practice with other teachers with regard to pedagogical approaches and technology. **(Mr Teacher)**



## SUCCESS CRITERIA

Teaching staff will have an increased subject knowledge, pedagogical approaches and technology at their disposal. This will lead to more children meeting and exceeding expected attainment based on the last academic year.



## RESOURCES

- Staff meeting time allocated for training.
- Follow-up meeting time allocated.



## MONITORING

- Monitoring will take place throughout academic year to ensure teacher training has made an impact.
- Monitor: Planning, data, pupil and teacher voice.



## OBJECTIVE

**TO REVIEW AND UPDATE THE SCIENCE POLICY.**



**AUTUMN TERM**



## ACTIONS REQUIRED AND BY WHOM

- Review policy and ensure it is fully ratified, shared and digested by all stakeholders. **(Mr Teacher and SLT)**



## SUCCESS CRITERIA

A reviewed policy which is fit for purpose and stakeholders are aware of amendments and the implications of these.



## RESOURCES

- Meeting time set aside.
- Senior Leadership time set aside for ratification of policy.



## MONITORING

- Monitor impact of the new policy at the end of Spring and Summer terms.
- Monitor: Pupil and adult voice.



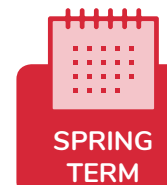
## OBJECTIVE

**TO ENABLE TEACHERS TO MAKE BETTER INFORMED AND MORE ACCURATE ASSESSMENTS OF CHILDREN.**



## OBJECTIVE

**TO DEVELOP AN INCREASED LEVEL OF ENJOYMENT FOR SCIENCE LEARNING BY USING TECHNOLOGY SOLUTIONS.**



### ACTIONS REQUIRED AND BY WHOM

- Provide training on 2Build a Profile to enable teachers to capture live observations and produce reports. **(Mr Teacher)**
- Ensure staff are aware of how to use 2Do's, feedback functionality, judgement entering and scores reporting. **(Mr Teacher)**



### SUCCESS CRITERIA

Judgements made by all cohorts will demonstrate improved accuracy with strong evidence to support each judgment.



### RESOURCES

- Staff training time.
- Out-of-class release management time.



### MONITORING

- Monitor impact of this termly.
- Monitor: Planning, teaching and attainment.



### ACTIONS REQUIRED AND BY WHOM

- Share capabilities of Purple Mash with all staff including the ability for children to post work on display boards, blog and email about their learning.
- Share rich content on Purple Mash, including the preloaded content within writing templates, 2Respond activities, mashcams and teacher resources
- Share use of tools within Purple Mash such as: 2Graph – graphing software; 2Investigate – database software; 2Connect – concept mapping software; 2Question – Database branching software; 2Chart – Flowchart software and 2Quiz – Quiz making software.



### SUCCESS CRITERIA

Through feedback, learning walks, observations and general monitoring activities; children will demonstrate an increased level of enjoyment for science. Technological solutions will be a prominent factor of this enjoyment.



### RESOURCES

- Staff meeting and training time.
- Meeting with Admin staff to show how easy it is to link display boards and blogs to school website.
- Allocated slots on the assembly rota to share exemplary learning and celebrate successes of the children.



### MONITORING

- Monitor impact of this termly.
- Monitor: Physical display, website, blog and display board content. Collect and analyse stakeholder feedback.



## OBJECTIVE

**TO REVIEW AND DEVELOP THE SCIENCE CURRICULUM TO ENSURE IT MEETS THE NEEDS OF OUR CHILDREN.**



**SPRING TERM**



### ACTIONS REQUIRED AND BY WHOM

- Meet with the teaching & learning leader to review and amend the curriculum as required for the needs of our children. (Mr Teacher & Mrs Leader)
- Share with staff the notable findings from the review and any amendments made. (Mr Teacher)
- Map curriculum using the Purple Mash curriculum map to support greater needs of the children. (Mr Teacher & Mrs Leader)



### SUCCESS CRITERIA

The science curriculum will have been reviewed and developed as needed for the children's needs. The changes will impact positively on enjoyment and attainment for most children.



### RESOURCES

- Staff time to share review findings and amendments to curriculum, including using new approaches to the delivery via Purple Mash.
- Out of class time to review and amend the curriculum with the teaching & learning Leader.



### MONITORING

- Monitor impact of new assessment tool during Autumn term.
- Monitor: Whole school data on the tracker.



## OBJECTIVE

**TO IMPROVE FEEDBACK EFFECTIVENESS WHILST REDUCING TIME SPENT ON GIVING FEEDBACK TO PUPILS.**



**SUMMER TERM**



### ACTIONS REQUIRED AND BY WHOM

- Share teacher corrections and commenting functionality on Purple Mash. Ensure staff know they can print pupil samples with the comments feature enabled.
- Demonstrate approaches in the classroom for providing feedback and how this can be evidenced immediately without laborious marking after directed teaching time.



### SUCCESS CRITERIA

Through feedback samples and pupil/teacher monitoring, there will be evidence of improved effectiveness of feedback. Teachers will report how Purple Mash comment and teacher corrections functionality has saved time and improved pupil/teacher dialogue.



### RESOURCES

- Staff time to share functionality on Purple Mash.
- Staff meeting/inset time to demonstrate feedback using technology.



### MONITORING

- Monitor teachers use of functionality. Focus on measuring impact.
- Listen to teacher voice and collate surveys.