# National Data Collection (NDC): 9 May 2023 to 9 June 2023

The collection of teacher assessment data for the 2022/2023 academic year

# Specification for software suppliers

**Date of issue**: 1 November 2022
**Version**: 0.1

| | |
|---|---|
| **Audience** | Software suppliers of school information management systems. |
| **Overview** | This document is provided by the Welsh Government as a specification to support the above audience in developing their school information management systems to ensure that schools in Wales can submit data required to comply with statutory duties. |
| **Action required** | For schools in Wales to be able to comply with statutory duties in supplying the required data returns, the Welsh Government recommends that software suppliers of school information management systems that have customers in Wales take full consideration of this specification document when developing their systems. |
| **Further information** | Enquiries about this document should be directed to:<br><br>Information Management Strategy<br>Data Collections Team<br>School Information and Improvement Branch<br>Schools Effectiveness Division<br>Education and Public Services Directorate<br>Welsh Government<br>Cathays Park<br>Cardiff<br>CF10 3NQ |

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|---|---|
| **Additional copies** | This document can be accessed from the SDF pages of DEWi. |
| **Related documents** | The **Validation CBDS 2223.3.0** (or latest version thereafter) and **Modular CBDS 2223.1.1** (or latest version thereafter) should be used in conjunction with this specification. |

# Contents

# 1. Change log

**Version 0.1**
Released 1 November 2022

| | |
|---|---|
| **Issue 1** | **Specification for May 2023 collection** |
| | This is the first draft version of the specification for the summer 2023 collection and all appropriate dates have been rolled forward. |
| **Issue 2** | **Removal of the collection of Baseline Assessments (BA) data** |
| | From May 2023 onward, the collection of BA data will no longer form part of the NDC. Therefore, within this document, all elements relating to the collection of BA data have been deleted. For ease of reference, in the original draft versions of this document, these removals will be shown using struck through red font before the changes will be entirely removed once the document is baselined as a version 1.0. |

## 2. Introduction

This specification is presented as a single document. Assessment component information is provided separately in Modular common basic data set (CBDS) (Tabs: NDC; FP-Lookup; Annexes). In previous years this had been provided in the NAW_A_COMP document which is now discontinued.

Modular CBDS provides information on components of National Curriculum Assessments as applicable to Wales. The 2023 assessment parameters in Modular CBDS have been updated to reflect change for 2022/23 assessment and National Data Collection (NDC) processes. The full pupil CBDS documentation for Wales is available to download from the SDF area of DEWi at https://dewidataexchange.gov.wales/SoftwareDevelopmentForum/SoftwareDevForum.

Modular CBDS 2223.1.n refer.

This specification is supported by information provided in the *National Data Collection and Reporting Arrangements* document, copies of which will be provided when published.

# 3. General information

## 3.1 Key dates

The key dates for NDC in 2023 are provisionally set as:

| | |
|---|---|
| Specified date on roll | **9 May 2023** |
| Deadline for submission of completed ~~Baseline Assessment and~~ end of Key Stage 3 (KS3) teacher assessments to the Welsh Government via DEWi | **9 June 2023** |
| Deadline for school validation of NDC teacher assessment data | **30 June 2023** |

## 3.2 Data export

There should be ~~2~~ **one** export file~~s, each~~ containing ~~one of~~ the following Teacher Assessment (teacher assessment) outcome~~s~~.

~~**Baseline assessments**~~

~~The file must include all pupils:~~

- ~~who turn 5 during the 2021/22 academic year (1 Sept 2021 – 31 Aug 2022, DOB ranges 2016/09/01 to 2017/08/31), and~~
- ~~with <EnrolStatus>/(100060) equal to **M** or **C**, and~~
- ~~on roll on specified date (see 5.1.1).~~

~~Therefore ALL pupils captured by the above criteria must be included in data export and as they are eligible for assessment must all have a full and valid set of teacher assessment outcomes with a 'BA' <ResultQualifier>/(100332) code.~~

~~There is only one statutory BA for each pupil. Therefore only one set of BA outcomes should exist or be sent for each pupil. BA outcomes should be coded 'BA' in the <ResultQualifier>/(100332). Any assessments undertaken after or before the statutory BA will be non-statutory and should not be sent to the Welsh Government and should not be coded 'BA' in the <ResultQualifier>/(100332). Codes available for use for assessments in the foundation phase can be found in Modular CBDS 2122.1.n.~~

~~**Pupils entering less than 6 weeks before the on roll date**~~

~~Schools are required to complete BAs and submit outcomes for pupils who begin school less than 6 weeks before the on roll date. As there is over 7 weeks between the on roll date (10 May 2022) and the final deadline for the NDC~~

### End of key stage 3

End of key stage 3 returns are not expected from special schools for 2023.

The file must include all pupils with an NCY (as taught and as reported via CBDS item <NCyearActual>/(100068) as below) and with <EnrolStatus>/(100060) equal to **M** or **C** and on roll on specified date (see 5.1.1):

| KS3 | End of key stage 3 | Pupils reaching the end of NCY9 |
|-----|--------------------|--------------------------------|

Therefore, ALL pupils captured by the above criteria must be included in data export and as they are eligible for assessment must all have a full and valid set of teacher assessment outcomes.

## 3.3 Dual registration

Where pupils are dual registered then the following logic applies when agreeing which school should report data for these pupils:

- Where a pupil is dual registered at a Mainstream school and a Pupil Referral Unit (PRU) or a Special school then it is the responsibility of the setting where the pupil is taught for most of the time to report the pupil's teacher assessment outcomes.
- Software should reference the enrolment status to identify if a dual registered pupil should be included in the return. Suppliers should select pupils in the relevant NCY group (KS3 files) or age (BA file) and where <EnrolStatus>/(100060) is equal to **M** or **C**; and
- Main registered (**M**) PRU pupils' results may be submitted for teacher assessment.

## 3.4 Welsh language

The requirement to provide teacher assessment for Welsh first language will be indicated by the response to the PLASC question on pupils' study of Welsh at school (CBDS item number <StudyWelsh>/190053) for KS3. For details on statutory requirements for BA see section below.

**Baseline assessments**

## End of key stage 3

End of key stage 3 returns are not expected from special schools for 2023.

For KS3 (NCY9) pupils where <StudyWelsh>/(190053) is equal to **1**, Cymraeg AND English are required. NB Submission of Welsh Second Language is NOT required.

For KS3 (NCY9) pupils where <StudyWelsh>/(190053) is **not** equal to **1**, English is required. NB Submission of Welsh Second Language is a non-core requirement – pupils must be assessed, and schools must submit the results at an individual level.

For KS3 calculation of CSI follow the logic:

- If only one of English/Cymraeg is entered, then use to calculate CSI;

- If both English and Cymraeg are entered, then use the highest to calculate CSI.

## Summary table

| Value of <Study Welsh>(190053) * | Required to report to WG | Not required to report to WG |
|---|---|---|
| **BA** | Only LCE or LCW is required not both***. See the FPP Handbook and the Statutory assessment arrangements for the Foundation Phase and end of Key Stages 2 and 3 – 2020/21. | |

| | | | |
|---|---|---|---|
| **KS3** | =1 | CYM + ENG | WSL (do not send where Study Welsh = 1)** |
| | ≠1 | ENG + WSL | |

*Valid <StudyWelsh>/(190053) codes for NDC are **1**, **2** and **5**. **Validation CBDS 2223.3.x** will include validation rules which will flag records with codes **3** or **4** as errors.

** **Validation CBDS 2223.3.x** will include rules which will flag where **LCE**, **LCW** and **WSL** have been incorrectly entered for KS3.

*****Validation CBDS 2223.3.x** will include a rule which will flag where both **LCE** and **LCW** have been submitted.

## 3.5  Valid codes

Valid codes are set out in **Modular CBDS 2223.1.1** (or latest version thereafter).

Validation checks are provided as an XSLT file.

**Validation CBDS 2223.3.0** (or latest version thereafter) will contain all validation relevant to this collection.

## 3.6  Pupils who are new to an English or Welsh based education system (NEWBES)

NEWBES guidance applies to KS3.

NEWBES guidance does not apply to BA.

There is no separate data collection for details of pupils who are NEWBES.

Separate guidance is provided detailing the circumstance where a pupil who is NEWBES may be excluded from the calculation of aggregate school statistics.

All pupils who meet the criteria for exclusion from aggregate statistics must be flagged and a valid date of entry recorded in their pupil record. These pupils should be assessed, and their assessment outcomes reported to parents and submitted in the pupil level NDC file.

The 'date of entry' (Modular CBDS data item <DateEntry>/100059) definition was revised in June 2015.  This revision is reflected in **Modular CBDS 2223.1.1** (or latest version thereafter) and is defined as: *the pupil 'entered a United Kingdom (UK) education system' on or after the start of the 2021/2022 school year, i.e., on or after the 1 September 2021.*

By correctly flagging the pupil record in the MIS to indicate that the pupil has NEWBES status and entering a valid date of entry (of within the previous two

academic years), then results for NEWBES pupils will be excluded from school aggregate reports. The Welsh Government provides functionality within the XSLT reporting software provided to suppliers to exclude only pupils with a NEWBES status and date of entry within the valid period for exclusion from school results i.e., the pupil arrived in a UK education system on or after 1 September 2021. Validation checks that report errors for pupils with NEWBES status and invalid date of entry were removed in 2010 to allow a pupil's record to retain the NEWBES flag for historical record.

### Extension of the NEWBES status

In May 2016, the Welsh Government issued further NEWBES guidance in the 'School Performance Reporting - Bulletin 1', about the discretion available to local authorities to extend the NEWBES status period in certain situations where a pupil leaves the UK and subsequently returns. This bulletin can be found here:

https://gov.wales/school-performance-reporting-bulletins

Where a decision has been made to extend a pupil's NEWBES status, the pupil will need to remain correctly flagged in school MIS as meeting the NEWBES criteria and their date of entry changed as appropriate.  Any pupil who has a date of entry earlier than 1 September 2021 (i.e., over the two-year period) will be included in school and local authority-aggregations.

Please note, extensions to the NEWBES status will be monitored by the Welsh Government and unusual patterns will be followed up with the local authority.

## 3.7  Revisions

In the event of revisions to this NDC file specification being required, a new specification document will be provided with a new sequential version number.

A revised version of the **Modular CBDS 2223.1.x** will be released to clarify any changes made to the national curriculum orders and assessment requirements for 2022/23. This document will NOT be re-issued unless changes are made specifically to it.

The Issues Log in section 3 summarises the amendments made in each new version.

## 3.8  XSLT validation and reporting

The Welsh Government will provide XSLT validation and reporting tools for use by all suppliers of school MIS providing NDC functionality. These files are released to suppliers in the autumn term 2022 and will include an XSLT template for a school BA validation report to be produced by school MIS. An example of this report is at Annex A.

# 4. Required functionality

The purpose of the software to which this specification applies is to facilitate the electronic collection of ~~BA and~~ end of KS3 teacher assessments from schools at pupil level.

The software should form part of the basic or standard packages offered by suppliers to schools and should offer the functionality for ~~BA and~~ KS3 to:

- undertake data entry, through a simple data entry screen, of the assessment components indicated as required in the NDC components file;
- undertake optional (at user's discretion) additional data entry of assessment components indicated as optional in the NDC components file (e.g. at Attainment Target (AT) level);
- calculate subject levels and other derived items from data provided where appropriate (See sections 9, 10, 11,12);
- ~~for foundation phase clear separation of the statutory BA, and any non-statutory assessments undertaken using the Foundation Phase Profile. Details on <ResultQualifier> codes available for use in the foundation phase can be found in Modular CBDS (tab: FP-Lookup). These can be used to distinguish between statutory and non-statutory BA assessments and assessments using and not using FPP;~~
- utilise existing pupil information held within schools' MIS to minimise burdens. Provide a simple export routine to allow transfer of pupil assessment outcomes, in XML format, for ~~BA and~~ KS3 to the local authority;
- produce pupil level and/or school level standard reports to meet statutory minimum reporting requirements;
- ~~for BA enable the option to enter information relating to pupil performance in language, literacy and communication skills in EITHER LCE or LCW;~~
- for KS3 enable the option to enter information relating to pupil performance in BOTH English and Cymraeg subjects – optional facility at individual school discretion; and
- resubmit data to correct errors beyond the end of the academic year.

## ~~4.1 Reporting functionality for foundation phase~~

~~**Baseline assessments**~~

| ~~Area of Learning (AoL)~~ | ~~Report to WG (numeric outcome only)~~ | ~~Report to parents~~ | |
|---|---|---|---|
| | | ~~Numeric outcome~~ | ~~Narrative~~ |
| ~~Personal and social development, well-being and cultural diversity (PSD)~~ | ~~M~~ | ~~O~~ | ~~O~~ |
| ~~Either: Language, literacy and communication skills in Welsh (LCW); or~~ | ~~M~~ | ~~O~~ | ~~O~~ |

| | | | |
|---|---|---|---|
| Language, literacy and communication skills in English (LCE) | | | |
| Mathematical development (MDT) | M | O | O |
| Physical development (PDT) | M | O | O |

It is optional to provide a narrative report to parents on the BA. However, schools are required to report at the end of year on learner progress and the BA could form part of this narrative.

# 5.  Software requirements

Allowable data values for each data item are indicated by **Modular CBDS 2223.1.1** (or latest version thereafter) and accompanying lookup tables (see example file section 13).

Valid outcome codes for all National Curriculum Assessments in Wales are also indicated in **Modular CBDS 2122.1.1** (or latest version thereafter) for academic year 2022/23.

## 5.1  School output files

~~Baseline assessments~~

~~Pupils who turn 5 during the 2021/22 academic year (1 Sept 2021 – 31 Aug 2022, DOB ranges 2016/09/01 to 2017/08/31) and who are on roll as at the second Tuesday in May of the academic year of assessment (2021/22 this is 10 May) must be included in the export of NDC data. That is, the school where the pupil is on roll on 10 May 2022 must submit their results.~~

~~NB: only one set of BA outcomes should exist or be sent for each pupil.  BA outcomes should be coded 'BA' in the <ResultQualifier>/(100332).  Any assessments undertaken before or after the first BA will be non-statutory and should not be sent to the Welsh Government and should not be coded 'BA' in the <ResultQualifier>/(100332).~~

~~Export is not to be based on NCY for the BA file.~~

### End of key stage 3

End of key stage 3 returns are not expected from special schools for 2023.

Pupils taught in NCY 9 and on roll as at the second Tuesday in May of the academic year of assessment (2022/23 this is 10 May) must be included in the export of NDC data. That is, the school where the pupil is on roll on 9 May 2023 must submit their results.

The only valid NCY to be exported are:

| KS3 | End of key stage 3 | Pupils reaching the end of NCY9 |
|---|---|---|

This should include NEWBES pupils.

### All files

For suppliers to ensure that the correct group of pupils is presented for data collection and exported for dual registered pupils for NDC, they should select pupils who**:**

- ~~turn 5 during the 2021/22 academic year (1 Sept 2021 – 31 Aug 2022, DOB ranges 2016/09/01 to 2017/08/31) and <EnrolStatus>/(100060) is equal to 'M' or 'C'~~

~~or where:~~

- NCY group is ~~2, 6 or~~ 9 and <EnrolStatus>/(100060) is equal to **M** or **C**

ALL pupils captured by the export criteria must be included in data export and as they are eligible for assessment must all have a full and valid set of teacher assessment outcomes.

Non-core data is mandatory for reporting at pupil level at end of KS3.

### Organisation of the required output file

The broad organisation of the required school output file is as follows

```
<Message>
        <SoftwareCode>…</SoftwareCode>
        <DocumentName>…</DocumentName>
        <AcademicYear>…</AcademicYear>
        <Header>              …(header data)…        </Header>
            <School>        …(School identifiers)… </School>
                        <Pupil> …(pupil data)… </Pupil>
</Message>
```

<Pupil> should be repeated as many times as required, according to the number of pupils eligible for ~~BA and~~ end of KS3 assessment. Within <Pupil> the overall pattern is identifiers followed by assessment data within container:

```
<Pupil>
    <NAWPupilIdentifiers>. …(Pupil Identifier data)…        </NAWPupilIdentifiers>
    <Assessments>
            <NAWAssessment>      …(Assessment data)… </NAWAssessment>
    </Assessments>
</Pupil>
```

Presence of items is mandatory or optional as indicated in the output example file, section 13 and in the components sections 9, 10, 11 and 12.

<NAWAssessment> should be repeated for each of the attainment target and subject taken and a result is required for each (see NDC Components at sections 9, 10, 11 and 12 for details of subject levels expected at KS3).

The header <AcademicYear> has been included to indicate the academic year (i.e., the calendar year in which the academic year of assessment commenced).

Output formats are provided as relevant to ~~BA and~~ KS3 for files produced by school systems.

## 5.2  User requirements

Data entry facilities should exist for entry of the teacher assessment components included in the NDC. Every effort should be made to make data entry as simple and user friendly as possible reducing the need for training and support on specialist modules.

Systems should limit user selection options to only those relevant to the specific pupil group.

Systems should automatically present the pupils as per the appropriate NCY group, date on roll and enrolment status.

For ~~BA and~~ KS3, users should not have the ability to select or deselect pupils outside of the specified group for export to the NDC process or for calculation of school level statistics.

Data entry facilities should form part of suppliers' standard or basic bundles; the use of specialist or additional cost modules should be optional at school level.

At KS3 AT data is required for some core subjects and is optional for some non-core subjects. Software should offer functionality to record data at AT level and automatically calculate subject levels.

Calculation of KS3 National Curriculum Levels from AT information should be rounded as follows:

| If the subject level calculation is: | National Curriculum Level |
|---|---|
| more than or equal to 8.5 but less than or equal to 9 | E (Exceptional Performance) |
| more than or equal to 7.5 but less than 8.5 | 8 |
| more than or equal to 6.5 but less than 7.5 | 7 |
| more than or equal to 5.5 but less than 6.5 | 6 |
| more than or equal to 4.5 but less than 5.5 | 5 |
| more than or equal to 3.5 but less than 4.5 | 4 |
| more than or equal to 2.5 but less than 3.5 | 3 |
| more than or equal to 1.5 but less than 2.5 | 2 |
| more than or equal to 0.875 but less than 1.5 | 1 |
| more than or equal to 0.625 but less than 0.875 | A (National Curriculum Outcome 3) |
| more than or equal to 0.375 but less than 0.625 | B (National Curriculum Outcome 2) |
| more than or equal to 0.25 but less than 0.375 | C (National Curriculum Outcome 1) |

NB: NB: There are no ATs in foundation phase.

~~The use of the Foundation Phase Profile (FPP) is mandatory for BA but optional at all other times during FP. Schools have the option to use the FPP to inform~~

The attached NDC Components file provides details of the mandatory (M) and optional (O) assessment components to be entered, exported, calculated and reported for ~~the BA and~~ KS3.

Additional information is provided in the *National Data Collection and Reporting Arrangements* document, which will be available on the Welsh Government website in due course.

Welsh language users of some software have identified a need to have input screens in dual language. Translations will be provided on request and suppliers are requested to consider offering Welsh language versions where possible.

Reports should use the correct number of pupils according to KS and language as the denominator when calculating percentages for aggregate reporting.

- at KS3 the whole cohort of pupils eligible for assessment should be used as the denominator for ENGLISH; and
- at KS3 the number of pupils with a valid teacher assessment for Cymraeg should be used as the denominator for CYMRAEG (Welsh first language)

A chapter giving details and examples for reports is included at section 17.

Calculation of reports should EXCLUDE data for pupils marked as NEWBES and with a valid date of entry in their pupil record. Their results should be omitted, and they should NOT be included in the pupil denominator.

Partial files: all XML files must contain valid results for all mandatory NDC components according to the appropriate NCY.

# 6. File naming convention

## 6.1 XML data extraction

Long file names will be used.

The file extension will be XML.

The file name shall be constructed from the following components:

(a) Origin Identifier (7 digits)[1]
(b) Survey/Data Extraction Type (3 characters)[2]
(c) Destination Identifier (7 characters)[3]
(d) Serial Number (3 digits)[4]

The components should be separated by underscore characters ("_").

An example of a **National Data Collection (NDC)** file from a school to a local authority would be

### 6604026_NDC_660K323_001.XML

where

**6604026** is the originating school made up of the local authority and establishment numbers;
**NDC** is the Survey Type, i.e., the data collection;
**660** is the destination local authority number;
**K3** indicates the file, in this example referring to key stage 3;
**23** are the last two digits of the calendar year, i.e., 2023;
**001** is the serial (or version) number of the data extract to be uploaded; and
**XML** is the file type extension.

The total file name length **must** be 27 characters.

For files not yet authorised by the school the file extension should be changed from **XML** to **UNA**.

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[1] For transfers from schools, the first 3 characters of the origin identifier will be the **LEA code** of the sending school and the final 4 characters will be the **establishment number** of the sending school.
[2] For the summer National Data Collection data return the survey type will be **NDC**.
[3] For transfers from schools to local authorities, the destination identifier will be the LEA code of the receiving local authority followed by **BA** or **K3** (depending on the file being baseline assessment or end of key stage 3)) and then **23** where "23" is the last two digits of the calendar year.
[4] The first file in the series shall have the serial number **001**, the second **002**, and so on.

# 7. Baseline assessment file components

O = optional (at users discretion); M = Mandatory/required (but may be calculated);

| \<ASSESSID\> \<Stage\> | \<ASSSUBJECT\> \<Subject\> | \<ASSTYPE\> \<Method\> | \<ASSCOMP\> \<Component\> | Component | Component Description | Result Qualifier | Data Entry | Calculate if component data entered | Calculation/ weighting | Export to NDC File | Report to Parents | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FP | PSD | teacher assessment | SUB | PSD | Personal and social development, well-being and cultural diversity | BA | M | - | - | M | O | Only AoL Subjects calculated exclusively from skill ladders that make up the Compact Profile must be submitted in NDC for BA (see Modular CBDS 2021.1.n)<br><br>Valid Outcomes are W, Z, S, G, 1, 2, 3, 4, 5, 6, A Valid Administrative codes are N, D<br><br>N and D do not = 0 |
| FP | LCW | teacher assessment | SUB | LCW | Language, literacy and communication skills (in Welsh) | BA | O | | | O | O | Only AoL Subjects calculated exclusively from skill ladders that make up the Compact Profile must be submitted in NDC for BA (see Modular CBDS 2021.1.n)<br><br>Valid Outcomes are W, Z, S, G, 1, 2, 3, 4, 5, 6, A Valid Administrative codes are N, D |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | ~~N and D do not = 0~~<br><br>~~Statutory LCE or LCW AoL is mandatory to submit to WG. See *FPP Handbook* and the *Statutory assessment arrangements for the Foundation Phase and end of Key Stages 2 and 3 – 2020/21 (due to be published September 2020)* for how to determine which is statutory.~~ |
| ~~FP~~ | ~~LCE~~ | ~~teacher assessment~~ | ~~SUB~~ | ~~LCE~~ | ~~Language, literacy and communication skills (in English)~~ | ~~BA~~ | ~~O~~ | ~~-~~ | ~~-~~ | | ~~O~~ | ~~O~~ | ~~Only AoL Subjects calculated exclusively from skill ladders that make up the Compact Profile must be submitted in NDC for BA (see Modular CBDS 2021.1.n)~~<br><br>~~Valid Outcomes are W, Z, S, G, 1, 2, 3, 4, 5, 6, A Valid Administrative codes are N, D~~<br><br>~~N and D do not = 0~~<br><br>~~Statutory LCE or LCW AoL is mandatory to submit to WG. See *FPP Handbook* and the *Statutory assessment arrangements for the Foundation Phase and end of Key Stages 2 and 3 – 2020/21 (due to be published September 2020)* for how to determine which is statutory.~~ |
| ~~FP~~ | ~~MDT~~ | ~~teacher assessme~~ | ~~SUB~~ | ~~MDT~~ | ~~Mathematical development~~ | ~~BA~~ | ~~M~~ | | | | ~~M~~ | ~~O~~ | ~~Only AoL Subjects calculated exclusively from skill ladders that make up the Compact Profile must be submitted in NDC for BA (see Modular CBDS 2021.1.n)~~ |

| | | nt | | | | | | | | | | Valid Outcomes are W, Z, S, G, 1, 2, 3, 4, 5, 6, A Valid Administrative codes are N, D

N and D do not = 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FP | PDT | tea che r, ass ess me nt | SUB | PDT | Physical Development | BA | M | | | M | O | Only AoL Subjects calculated exclusively from skill ladders that make up the Compact Profile must be submitted in NDC for BA (see Modular CBDS 2021.1.n)

Valid Outcomes are W, Z, S, G, 1, 2, 3, 4, 5, 6, A Valid Administrative codes are N, D

N and D do not = 0 |

# 8. End of key stage 3 file components

O = optional (at users discretion); M = Mandatory/required (but may be calculated)

| `<ASSESSID>` `<Stage>` | `<ASSSUBJECT>` `<Subject>` | `ASSTYPE>` `<Method>` | `<ASSCOMP>` `<Component>` | Component | Component Description | Data Entry | Calculate if component data entered | Calculation/ weighting | Export to NDC File | Report to Parents | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KS3 | ENG | teacher assessment | AT1 | En1 | Oracy | M | | | M | M | Where 190053 = '1' then provision of Results for English is Mandatory<br>Where 190053 ≠ '1' then provision of Results for English is Mandatory<br>NB that only `<StudyWelsh>`/190053 codes 1, 2 and 5 are valid |
| KS3 | ENG | teacher assessment | AT2 | En2 | Reading | M | | | M | M | |
| KS3 | ENG | teacher assessment | AT3 | En3 | Writing | M | | | M | M | |

| KS3 | ENG | teacher assessment | SUB | EN Sub | English Subject | n/a | Y | EN SUB = (AT1+AT2+AT3)/3 | M | M | N and D do not = 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Valid Levels are C, B, A, 1, 2, 3, 4, 5, 6, 7, 8, E |
| | | | | | | | | | | | Valid Administrative codes are N, D |
| | | | | | | | | | | | For the purpose of subject level calculations C=0.25, B=0.5 & A=0.75 |
| | | | | | | | | | | | For the purposes of subject level calculations E = 9 |
| | | | | | | | | | | | If two or more ENG AT=D then En SUB = D |
| | | | | | | | | | | | If two or more ENG AT=N then En SUB = N |
| | | | | | | | | | | | If one Eng AT = N and one Eng AT = D then En SUB = D |
| | | | | | | | | | | | If one AT = N or D (i.e. an Administrative code) and other ATs are valid Levels, calculate a Subject level but remove the Administrative code AT from whole calculation including removal of its value from denominator |
| KS3 | CYM | teacher assessment | AT1 | Cy1 | Oracy | O | | | M | M | Where <StudyWelsh>/190053 = 1 then provision of Results for Cymraeg is Mandatory |
| KS3 | CYM | teacher assessment | AT2 | Cy2 | Reading | O | | | M | M | |
| KS3 | CYM | teacher assessment | AT3 | Cy3 | Writing | O | | | M | M | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KS3 | CYM | teacher assessment | SUB | Cy Sub | Cymraeg Subject | n/a | Y | CY SUB = ((AT1*4)+(AT2*3)+(AT3*3))/10 | M | M | N and D do not = 0 |
| | | | | | | | | | | | Valid Levels are C, B, A, 1, 2, 3, 4, 5, 6, 7, 8, E |
| | | | | | | | | | | | Valid Administrative codes are N, D |
| | | | | | | | | | | | For the purpose of subject level calculations C=0.25, B=0.5 & A=0.75 |
| | | | | | | | | | | | For the purposes of subject level calculations E = 9 |
| | | | | | | | | | | | If two or more Cym AT=D then Cym SUB = D |
| | | | | | | | | | | | If two or more Cym AT=N then Cym SUB = N |
| | | | | | | | | | | | If one Cym AT = N and one Cym ATs = D then Cym SUB = D |
| | | | | | | | | | | | If one AT = N or D (i.e. an Administrative code) and other ATs are valid Levels, calculate a Subject level but remove the Administrative code AT from whole calculation including removal of its value from denominator |
| | | | | | | | | | | | NB that only <StudyWelsh>/190053 codes 1, 2 and 5 are valid |
| KS3 | MAT | teacher assessment | SUB | MA Sub | Mathematics Subject | M | | | M | M | N and D do not = 0 |
| | | | | | | | | | | | Valid Levels are C, B, A, 1, 2, 3, 4, 5, 6, 7, 8, E |
| | | | | | | | | | | | Valid Administrative codes are N, D |
| KS3 | SCI | teacher assessment | SUB | Sc Sub | Science Subject | M | | | M | M | N and D do not = 0 |
| | | | | | | | | | | | Valid Levels are C, B, A, 1, 2, 3, 4, 5, 6, 7, 8, E |
| | | | | | | | | | | | Valid Administrative codes are N, D |
| KS3 | CSI | teacher assessment | SUB | CSI | Achieved expected level (Level 5) or above in Teacher Assessment for all 3 core subjects (being either English or Welsh First Language plus Maths and Science) | n/a | Y | *if CYM SUB => ENG SUB then* if (CYM SUB=>5 AND MAT SUB>=5 AND SCI SUB>=5) = Y; if (CYM SUB<5 OR MAT SUB<5 OR SCI SUB<5) | M | M | If ENG and CYM subjects are both completed export both and report both, use highest of two for CSI calculation. For KS3 (NCY 9) pupils where 190053 is equal to '1', Cymraeg AND English are required. For KS3 (NCY 9) pupils where 190053 is NOT equal to '1', English is required. *NB Submission of Welsh Second* |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | = N<br>if (CYM SUB, MAT SUB OR SCI SUB <> E AND is NOT number) = N<br>*BUT If ENG SUB => CYM SUB then* if (ENG SUB=>5 AND MAT SUB>=5 AND SCI SUB>=5) = Y;<br>if (ENG SUB<5 OR MAT SUB<5 OR SCI SUB<5) = N<br>if (ENG SUB, MAT SUB OR SCI SUB <> E AND is NOT number) = N | | | | *Language is a non-core requirement.*<br><br>For KS3 calculation of CSI follow logic:<br>If only one of English / Cymraeg is entered then use to calculate CSI<br>If both English and Cymraeg are entered then use the highest to calculate CSI<br>If any relevant subject is C, B, A, N or D then CSI will = 'N'<br>NB that only <StudyWelsh>/190053 codes 1, 2 and 5 are valid |
| KS3 | ART | teacher assessment | SUB | ART | Art and Design | M | | | | M | M | |
| KS3 | DAT | teacher assessment | SUB | DAT | Design and Technology | M | | | | M | M | |
| KS3 | GEO | teacher assessment | SUB | GEO | Geography | M | | | | M | M | |
| KS3 | HIS | teacher assessment | SUB | HIS | History | M | | | | M | M | |
| KS3 | ICT | teacher | SUB | ICT | Information and Communication | M | | | | M | M | |

| | | ass ess men t | | | Technology | | | | | | |
|-----|-----|------|-----|-----|--------------------|---|---|---|---|---|---|
| KS3 | MUS | teac her ass ess men t | SUB | MUS | Music | M | | | M | M | |
| KS3 | PED | teac her ass ess men t | SUB | PED | Physical Education | M | | | M | M | |
| KS3 | WEL | teac her ass ess men t | AT1 | WEL | Oracy | O | | | O | | |
| KS3 | WEL | teac her ass ess men t | AT2 | WEL | Reading | O | | | O | | |
| KS3 | WEL | teac her ass ess men t | AT3 | WEL | Writing | O | | | O | | |

| KS3 | WEL | teacher assessment | SUB | WEL | Welsh Subject | O | Y | IF WEL AT1, AT2, and AT3 are present then WEL SUB = ((AT1*3)+AT2+AT3)/5 | M | M | REQUIRED for assessment for NDC if pupil has no Welsh First Language assessment results |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | Where 190053 ≠ '1' then provision of Results for Welsh Second Language is Mandatory |
| | | | | | | | | | | | Where 190053 = '1' then Results for Welsh Second Language are NOT REQUIRED OR VALID |
| | | | | | | | | | | | Data entry and reporting is MANDATORY only for pupils NOT taught Welsh First Language. |
| | | | | | | | | | | | If AT data is entered then calculate |
| | | | | | | | | | | | Valid Levels are C, B, A, 1, 2, 3, 4, 5, 6, 7, 8, E |
| | | | | | | | | | | | Valid Administrative codes are N, D |
| | | | | | | | | | | | For the purpose of subject level calculations C=0.25, B=0.5 & A=0.75 |
| | | | | | | | | | | | For the purposes of subject level calculations E = 9 |
| | | | | | | | | | | | N and D do NOT = 0 |
| | | | | | | | | | | | If WEL AT1=D then WEL SUB=D |
| | | | | | | | | | | | If WEL AT1=N then WEL SUB=N |
| | | | | | | | | | | | If WEL AT2 and/or AT3 = D or N then calculate WEL Sub excluding the AT from the calculation including from the denominator value |
| | | | | | | | | | | | NB that only <StudyWelsh>/190053 codes 1, 2 and 5 are valid |
| KS3 | MFL* | teacher assessment | AT1 | MFL* | Oracy | O | | | O | | |
| KS3 | MFL* | teacher ass | AT2 | MFL* | Reading | O | | | O | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ess men t | | | | | | | | | |
| KS3 | *MFL*\* | teac her ass ess men t | AT3 | *MFL*\* | Writing | O | | | O | | |
| KS3 | *MFL*\* | teac her ass ess men t | SUB | *MFL*\* | MFL Subject | O | Y | IF MFL AT1, AT2, and AT3 are present then MFL SUB = (AT1\*2+AT2+AT3)/4 | M | M | If AT data is entered then calculate. More than one MFL may be entered, use highest for calculation of non-core school summary report, report all to parents<br><br>N and D do NOT = 0<br><br>Valid Levels are C, B, A, 1, 2, 3, 4, 5, 6, 7, 8, E<br>Valid Administrative codes are N, D<br>For the purpose of subject level calculations C=0.25, B=0.5 & A=0.75<br>For the purposes of subject level calculations E = 9<br>If two or more MFL AT=D then MFL SUB = D<br>If two or more MFL AT = N then MFL SUB = N<br>If one MFL AT = N and one MFL AT = D then MFL SUB = D<br>If one AT = N or D and other ATs are valid numeric values, calculate a Subject level but remove the AT= N or D from whole calculation including removal of its value from denominator. |

**Notes**

1. MFL      One or more of : **ARA, BNG, BUL, CHI, CZE, DAN, DUT, EST, FIN, FRN, GAE, GER, GRE, GUJ, HEB, HGR, HIN, Iteacher assessment, JPN, LIT, LTV, MLT, PNJ, POL, POR, RMN, RUS, SLO, SLV, SPA, SWE, TUR, URD.**
2. Export file will also include Pupil CBDS item <StudyWelsh>/(190053)

# 9. School output example file

## 9.1 Baseline assessment pupil file

| CBDS Identifier | M/O | M = Mandatory (required tag, with valid value for all pupils), O=Optional (data is optional, if data is not present then tag should not be included in xml file) | Notes/Defaults |
|---|---|---|---|
| | M | <?xml version="1.0" encoding="UTF-8"?> | |
| | M | <Message> | |
| | M | <SoftwareCode>1234</SoftwareCode> | |
| | M | <DocumentName>Wales NDC BA File</DocumentName> | Valid response = **Wales NDC BA File** |
| | M | <AcademicYear>2021</AcademicYear> | Being the calendar year in which the academic year commenced |
| | M | <Header> | |
| | M | <SerialNo>001</SerialNo> | |
| | M | <DateTime>2022-06-04T11:05:03</DateTime> | |
| | M | </Header> | |
| | M | <School> | |
| | M | <NAWSchoolIdentifiers> | |
| N00216 S1 | M | <LEA>660</LEA> | |
| N00279 S2 | M | <Estab>2500</Estab> | |
| N00230 S5 | M | <Name>Bishop John's Primary</Name> | |
| N00280 S7 | M | <Phase>PS</Phase> | |
| | M | </NAWSchoolIdentifiers> | |
| | M | </School> | |
| | M | <Pupils> | File should only extract data for pupils where **DOB** is between **1/09/2016** **and 31/08/2017** |
| | M | <Pupil> | |
| | M | <NAWPupilIdentifiers> | |
| N00001 P1 100001 | M | <UPN>A133981456002</UPN> | Permanent or Temporary format |
| N00002 P2 100002 | O | <FormerUPN>X3497649987B</FormerUPN> | Permanent or Temporary format |
| N00003 | M | <Surname>Smith</Surname> | |

| | | | |
|---|---|---|---|
| P3 100003 | | | |
| N00004 P4 100004 | M | `<Forename>`**Paula**`</Forename>` | |
| N00005 P6 100006 | O | `<MiddleNames>`**Sarah**`</MiddleNames>` | |
| N00006 P7 100007 | M | `<DOB>`**2017-01-15**`</DOB>` | |
| N00007 P8 100008 | M | `<Gender>`**F**`</Gender>` | |
| | M | `</NAWPupilIdentifiers>` | |
| | M | `<NAWPupilStatus>` | |
| N00017 100060 | M | `<EnrolStatus>`**C**`</EnrolStatus>` | |
| | M | `</NAWPupilStatus>` | |
| | M | `<NAWPupilNDC>` | |
| N00182 P45 100583 | M | `<NCyearActual>`**R**`</NCyearActual>` | |
| | M | `</NAWPupilNDC>` | |
| | M | `<Assessments>` | |
| | M | `<NAWAssessment>` | `<NAWAssessment>` should be repeated for each **Subject** |
| N00156 P143 100516 | M | `<Stage>`**FP**`</Stage>` | Valid response = **FP** |
| N00602 P144 800003 | M | `<Year>`**2022**`</Year>` | The calendar year in which the reporting of assessment takes place. |
| N00134 P148 100466 | M | `<Subject>`**LCW**`</Subject>` | |
| N00062 P149 100273 | M | `<Method>`**teacher assessment**`</Method>` | |
| N00063 P150 100274 | M | `<Component>`**SUB**`</Component>` | |

| N00061 P147 100270 | M | `<ResultStatus>R</ResultStatus>` | Should always be **R** |
|---|---|---|---|
| N00200 P151 100605 | M | `<ResultQualifier>BA</ResultQualifier>` | Valid response = **BA** |
| N00064 P152 100276 | M | `<Result>G</Result>` | |
| N00034 100332 | M | `<ResultDate>2021-11-09</ResultDate>` | **Result Date** should be within the academic year the pupil turns 5 **(1 Sept 2021 to 31 Aug 2022, DOB** ranges **2016/09/01 to 2017/08/31).**<br><br>BAs should be completed within the first 6 weeks of a pupil beginning school, in the academic year a pupil turns 5. The `<ResultDate>` should fall within that 6 weeks.<br><br>This date will be the same for all 4 AoLs in the statutory BA (PSD, LCE or LCW, MDT and PDT). |
| P155 190040 | M | `<Locale>WAL</Locale>` | Default to **WAL** if `<LEA>` is within range **660** to **681** inclusive |
| | M | `</NAWAssessment>` | |
| | M | `</Assessments>` | |
| | M | `</Pupil>` | |
| | M | `</Pupils>` | |
| | M | `</Message>` | |

**NOTE**: For pupils with **BA** results the following `<NAWPupilNDC>` data items are **not** required:
`<StudyWelsh>`
`<NonEnglishWelshSystems>`, and
`<DateEntry>`

## 9.2 End of key stage 3 pupil file

| CBDS Identifier | M/O | M = Mandatory (required tag, with valid value for all pupils), O=Optional (data is optional, if data is not present then tag should not be included in xml file) | Notes/Defaults |
|---|---|---|---|
| | M | <?xml version="1.0" encoding="UTF-8"?> | |
| | M | <Message> | |
| | M | <SoftwareCode>1234</SoftwareCode> | |
| | M | <DocumentName>Wales NDC KS3 File</DocumentName> | Valid response = Wales NDC KS3 File |
| | M | <AcademicYear>2022</AcademicYear> | Being the calendar year in which the academic year commenced |
| | M | <Header> | |
| | M | <SerialNo>001</SerialNo> | |
| | M | <DateTime>2023-06-04T09:01:03</DateTime> | |
| | M | </Header> | |
| | M | <School> | |
| | M | <NAWSchoolIdentifiers> | |
| N00216 S1 | M | <LEA>660</LEA> | |
| N00279 S2 | M | <Estab>2500</Estab> | |
| N00230 S5 | M | <Name>Bishop John's Primary</Name> | |
| N00280 S7 | M | <Phase>PS</Phase> | Special School (SP) does not apply for 2022 |
| | M | </NAWSchoolIdentifiers> | |
| | M | </School> | |
| | M | <Pupils> | |
| | M | <Pupil> | |
| | M | <NAWPupilIdentifiers> | |
| N00001 P1 100001 | M | <UPN>A123981456002</UPN> | Permanent or Temporary format |
| N00002 P2 100002 | O | <FormerUPN>X3497649987B</FormerUPN> | Permanent or Temporary format |
| N00003 P3 100003 | M | <Surname>Davies</Surname> | |
| N00004 P4 | M | <Forename>Megan</Forename> | |

| | | | |
|---|---|---|---|
| 100004 | | | |
| **N00005**<br>P6<br>100006 | O | `<MiddleNames>`**Laura**`</MiddleNames>` | |
| **N00006**<br>P7<br>100007 | M | `<DOB>`**2012-01-21**`</DOB>` | |
| **N00007**<br>P8<br>100008 | M | `<Gender>`**F**`</Gender>` | |
| | M | `</NAWPupilIdentifiers>` | |
| | M | `<NAWPupilStatus>` | |
| **N00017**<br>100060 | M | `<EnrolStatus>`**C**`</EnrolStatus>` | |
| | M | `</NAWPupilStatus>` | |
| | M | `<NAWPupilNDC>` | |
| **N00182**<br>P45<br>100583 | M | `<NCyearActual>`**6**`</NCyearActual>` | File should only extract data for pupils where `<NCyearActual>` is **6** or **9** with assessment data |
| P162<br>190043<br>190053 | | `<StudyWelsh>`**1**`</StudyWelsh>` | Required for **ALL** pupils.<br>Valid responses = **1**, **2** and **5**<br>For **KS3** pupils if value = **1** then **BOTH** Welsh and English teacher assessment must be present |
| P170<br>190080 | | `<NonEnglishWelshSystems>`**1**`</ NonEnglishWelshSystems >` | Valid responses = **1** or **0** (where 1=true and 0=false)<br>Default value = **0** |
| **N00016**<br>P171<br>100059 | | `<DateEntry>`**2021-09-01**`</ DateEntry >` | Must be present and have a valid value if `<NonEnglishWelshSystems>` = **1** |
| | M | `</NAWPupilNDC>` | |
| | M | `<Assessments>` | |
| | M | `<NAWAssessment>` | `<NAWAssessment>` should be repeated for each **Subject** |
| **N00156**<br>P143<br>100516 | M | `<Stage>`**KS3**`</Stage>` | Valid response = **KS3** |
| **N00602**<br>P144<br>800003 | M | `<Year>`**2023**`</Year>` | The calendar year in which the <u>reporting</u> of assessment takes place. |
| **N00134**<br>P148<br>100466 | M | `<Subject>`**ENG**`</Subject>` | |

| | | | |
|---|---|---|---|
| **N00062** P149 100273 | M | `<Method>`**teacher assessment**`</Method>` | |
| **N00063** P150 100274 | M | `<Component>`**SUB**`</Component>` | Attainment Targets for Maths and Science have been removed for KS2 and KS3 |
| **N00061** P147 100270 | M | `<ResultStatus>`**R**`</ResultStatus>` | Should always be **R** |
| **N00200** P151 100605 | M | `<ResultQualifier>`**NL**`</ResultQualifier>` | |
| **N00064** P152 100276 | M | `<Result>`**2**`</Result>` | |
| P155 190040 | M | `<Locale>`**WAL**`</Locale>` | Default to **WAL** if `<LEA>` is within range **660** to **681** inclusive |
| | M | `</NAWAssessment>` | |
| | M | `</Assessments>` | |
| | M | `</Pupil>` | |
| | M | `</Pupils>` | |
| | M | `</Message>` | |

# 10.  Foundation phase non-statutory data

## 10.1 Foundation phase profile (FPP)

The FPP may be used on a non-statutory basis for assessment of PSD, LCE, LCW, MDT and PDT at any time throughout the foundation phase, to track the progress of pupils between BA (or before) and end of the foundation phase.

AoL score and outcomes can be generated for 3 different combinations of skill ladders:

### Compact profile

- Using only the Compact Profile skills ladders for each AoL
- Statutory (from 2015-16): for eligible pupils, within a specified 6 week timeframe for BA
- Non-statutory: at all other times during the foundation phase or within the specified 6 weeks for non-statutory LCE or LCW BA (see section 5.1.4).

### Full profile

- Non-statutory: using all skills ladders (inclusive of Compact Profile skill ladders).
- The FPP can also be used to inform end of foundation phase assessment of PSD, LCE or LCW and MDT.
- the Welsh Government recommends that if the FPP is used on a non-statutory basis for an end of phase assessment then the Full Profile should be used.

### Customised profile

- Non-statutory: using a combination of skills ladders (minimum of all Compact up to maximum of all Full).
- The Customised Profile is most likely to be used in NCY R through to NCY 2 should teachers wish to carryout assessments on one or more Full Profile skills ladders in an AoL in addition to statutory BA Compact skills ladders.

### Areas of learning (AoL) progress

The FPP can be used to track pupil progress during the foundation phase. AoL progress scores are derived from the AoL score which allows for finer increments of progress to be measured than is possible from the AoL Outcome.  The difference (one minus the other) in AoL progress scores between each AoL assessment provides an indication of pupil progress.  The methods of determining scores for progress can be found in Modular CBDS.

### Modular common basic data set (CBDS)

The process and rules for calculating AoL scores, AoL Outcomes and AoL progress on each of the 3 Profiles.

Assessment components for AoL scores and AoL Outcomes.

The FPP assesses pupils' skills and produces outcomes for only 4 of the 7 AoLs taught in foundation phase:

- PSD
- LCW or LCE
- MDT
- PDT

Schools are required to provide a narrative report to parents for all 7 AoLs at the end of each school year. However, there is no statutory requirement to report a numerical outcome to parents for the 4 AOLs assessed using the FPP in any year (including statutory BA) unless:

- specifically requested, or
- a school has chosen to use the FPP to inform the statutory end of foundation phase assessment of PSD, LCE or LCW and MDT in NCY2, in which case this numerical outcome must be reported in NDC and to parents.

# 11. End of key stage 3 non-core data

Schools are required to assess pupils and the end of KS3, and report the outcome of that assessment to parents, in each of the non-core subjects.

Pupils are assessed, and their results reported to parents, at the end of KS3 in their 'statutory language', plus English as a second language or Welsh Second Language as appropriate.

Thus, the valid combinations for assessment, reporting to parents and NDC are:

- Where <StudyWelsh>/(190053) is equal to **1** the statutory language is Welsh, assess:
  - Welsh First Language (Cymraeg)
  - English

  Submission of both results within the NDC file is required.

- Where <StudyWelsh>/(190053) is NOT equal to **1** the statutory language is English, assess:
  - English
  - Welsh Second Language

  Submission of both results within the NDC file is required.

# 12. Reporting

Where suppliers opt to provide reports the following should apply:

- The Welsh Government will review sample reports provided and provide Welsh language translations if required for any reports produced from school MIS.
- Wales level teacher assessment performance statistics are available during the Autumn via StatsWales https://statswales.wales.gov.uk/Catalogue.
- the Welsh Government stopped the publication and distribution of teacher assessment performance statistics below the national level from Autumn 2018.
- Due to different approaches used by suppliers and to ensure consistency in reporting in both languages, suppliers may choose how best to denote CSI /FPI attainment to suit their system, providing it is made clear to parents what is being reported.

## 12.1 Notes on the preparation of comparative reports

Regulations previously required that appropriate standard comparative reports for end of KS3 (as used to be provided to schools by the Welsh Government via DEWi) were published by schools in the school prospectus, provided to governors for inclusion in governors' annual reports and provided with each annual report to parents or adult pupils. This requirement was removed by The Education (Amendments relating to Teacher Assessment Information) (Wales) Regulations 2018 which came into force on 31 July 2018. The full consequence of these regulations is that the Welsh Government will no longer publish teacher assessment data below the national level and as such will no longer produce School Comparative Reports for schools to publish.

There remains a duty on head teachers to provide a report to parents for each pupil at the end of each year. Apart from no longer including the School Comparative Report, all other reporting requirements for this pupil report remain unchanged.

This pupil report must continue to include brief particulars of a pupil's progress. And at the end of KS3 it should include a brief statement on whether the pupil has achieved the core subject indicator and a brief account of what the pupil's statutory assessment results show about the pupil's progress individually and in relation to other children in the same year. Schools may therefore still require MIS to provide comparative reports to assist them with this task.

### End of key stage 3

At KS3, some of the cohort within a single school may study Welsh first language; these pupils will be assessed for Cymraeg and given a teacher assessment for English. Hence the denominator when calculating the percentages for aggregate reporting will be the number of pupils with a valid

teacher assessment for Cymraeg or the whole cohort for English. For example:

> School B has 70 pupils being assessed at the end of KS3
>
> 20 pupils are assessed for **Cymraeg** of which 3 are assessed at Level 4, 10 are assessed at Level 5, and 7 at Level 6
>
> The denominator for calculating percentage at each level is 20, therefore:
>
> 15% are at level 4 (3 / 20 * 100)
> 50% are at level 5 (10 /20 * 100)
> 35% are at level 6 (7 / 20 * 100)
>
> All 70 pupils receive a teacher assessment for English of which 2 are assessed as level 'C' (National Curriculum Outcome 1), 3 are assessed at Level 2, 14 are assessed at Level 4, 41 are assessed at Level 5, and 10 at Level 6.
>
> The denominator for calculating percentage at each level is 70, therefore:
>
> 3% are at level C (National Curriculum Outcome 1) (2 / 70 * 100)
> 4% are at level 2 (3 / 70 * 100)
> 20% are at level 4 (14 / 70 * 100)
> 59% are at level 5 (41 / 70 * 100)
> 14% are at level 6 (10 / 70 * 100)

All reports should be available in both English and Welsh.

When reporting aggregates, percentages should be rounded to the nearest whole number. NB: 0.5 rounds up.

Whilst the statutory requirement for reporting to parents on individual pupil performance does not require ALL AT information to be reported, schools are expected to be able to comply with a request to provide this information within 15 school days of receipt of the request. As such, suppliers may wish to offer additional functionality to report all AT information where entered.

Pupils reaching the end of KS3 will be assessed against the National Curriculum orders. Assessment, reporting and NDC for these pupils may result in the recording of National Curriculum Outcomes 1, 2 or 3.

To avoid confusion for school staff recording and reporting this information, and to minimise impact on suppliers, C, B, and A are used to represent the National Curriculum Outcomes 1, 2 and 3 within software functionality.

In reaching agreement for use of single character alpha codes, policy colleagues have been clear that reporting of these outcomes, to parents in

individual pupil reports and at aggregated level, must 'translate' the C/B/A administrative codes to the full 'National Curriculum Outcome 1/2/3' description as appropriate, in reporting and on-screen reference.

Calculation of statutory reports should EXCLUDE data for pupils legitimately marked as NEWBES with a valid date of entry in their pupil record. Their results should be omitted, and they should NOT be included in the pupil denominator. For example:

## 12.2 Individual pupil reports

It is the duty of the head teacher to ensure that the outcome of end of KS3 teacher assessments are reported to parents. This is covered under the Regulations 2011 No. 1943 (W.210), The Head Teacher's Report to Parents and Adult Pupils (Wales) Regulations 2011.

Reports to parents should be available within standard software in both English and Welsh. Provision of all other reports in English and Welsh is optional at the discretion of individual suppliers although we are aware that schools and local authorities would welcome this functionality.

~~There is no statutory requirement to report BA outcomes to parents. Reporting the numerical outcomes for the 4 BA AoLs to parents is optional, unless a parent specifically requests them. However schools are required to provide narrative comment to parents on all 7 AoLs taught in foundation phase in each year of foundation phase.~~

Individual pupil results should be reported for the following components:

### End of key stage 3

Teacher Assessment Level awarded in each of:

- English at Subject and AT Level for each of
  - Oracy
  - Reading
  - Writing
- Cymraeg (if taught as a first language) at Subject and AT Level for each of
  - Oracy
  - Reading
  - Writing
- Mathematics at Subject Level
- Science at Subject Level
- Whether or not the pupil achieved the expected level in each of English or Welsh first language, mathematics and science in combination (the Core subject Indicator)
- Welsh Second Language (if applicable – i.e. if pupil's statutory language is English)
- Modern foreign language
- Design and Technology

- Information and Communication Technology
- History
- Geography
- Art and Design
- Music
- Physical Education

## 12.3 School validation report

School validation reports for end of KS3 will be provided via DEWi once schools have uploaded their NDC files. These reports will be downloadable and will show a summary of the school's uploaded results against their results for previous years. The purpose of these reports is to help schools to validate the pupil level data in their NDC files.

An example of these reports for 2023 will be published in the National Data Collection and Reporting Arrangements 2022/23 document in the spring term. There is no expectation that school software will be able to produce these reports, given the inclusion of results over time.

# 13. Annex A: Example baseline assessment validation report

Example BA validation report:

## English:

| Total pupils in BA file (this should equal the number of pupils on roll who would turn 5 this acedemic year) | |
|---|---|

**Overall BA file summary:**

| AoL:  Area of Learning | Total pupils by NCY | | Total pupils |
|---|---|---|---|
| | **NCY R** | **NCY 1** | |
| **PSD**:  Personal and social development, well-being and cultural diversity | | | |
| **LCW**:  Language, Literacy and Communication Skills (Welsh) | | | |
| **LCE**:  Language, Literacy and Communication Skills (English) | | | |
| **MDT**:  Mathematical Development | | | |
| **PDT**:  Physical Development | | | |
| **Sub total of LCE + LCW*** | | | |
| **Total of all AoLs** | | | |

* NB, a pupil should have either LCE **or** LCW in the file, not both.

**AoL summary by outcome code:**

| Baseline assessment outcome code | PSD | LCW | LCE | MDT | PDT | Total |
|---|---|---|---|---|---|---|
| A | | | | | | |
| 6 | | | | | | |
| 5 | | | | | | |
| 4 | | | | | | |
| 3 | | | | | | |
| 2 | | | | | | |
| 1 | | | | | | |
| G | | | | | | |
| S | | | | | | |
| Z | | | | | | |
| W | | | | | | |
| D | | | | | | |
| N | | | | | | |
| **Total** | | | | | | |

| Cyfanswm nifer y disgyblion yn ffeil yr Asesiad Sylfaenol (AS)<br>(dylai hyn gyfateb i nifer y disgyblion ar y gofrestr fydd yn cael eu pen-blwydd yn 5 oed yn ystod y flwyddyn academaidd hon) | |
|---|---|

**Crynodeb cyffredinol o'r ffeil AS:**

| Maes Dysgu | Cyfanswm y disgyblion yn ôl BCC | | Cyfanswm |
|---|---|---|---|
| | BCC Derbyn | BCC 1 | |
| **PSD**: Datblygiad personol a chymdeithasol, lles ac amrywiaeth diwylliannol | | | |
| **LCW**: Sgiliau Iaith, Llythrennedd a Chyfathrebu (Cymraeg) | | | |
| **LCE**: Sgiliau Iaith, Llythrennedd a Chyfathrebu (Saesneg) | | | |
| **MDT**: Datblygiad Mathemategol | | | |
| **PDT**: Datblygiad Corfforol | | | |
| **Is-gyfanswm LCE + LCW\*** | | | |
| **Cyfanswm yr holl Feysydd Dysgu** | | | |

 * Noder: dylai disgybl gael naill ai LCE **neu** LCW yn y ffeil - nid y ddau.

**Crynodeb o'r Maes Dysgu yn ôl cod y deilliant:**

| Cod y deilliant ar gyfer yr asesiad sylfaenol | PSD | LCW | LCE | MDT | PDT | Cyfanswm |
|---|---|---|---|---|---|---|
| A | | | | | | |
| 6 | | | | | | |
| 5 | | | | | | |
| 4 | | | | | | |
| 3 | | | | | | |
| 2 | | | | | | |
| 1 | | | | | | |
| G | | | | | | |
| S | | | | | | |
| Z | | | | | | |
| W | | | | | | |
| D | | | | | | |
| N | | | | | | |
| **Cyfanswm** | | | | | | |